

The American, Japanese, British Navies

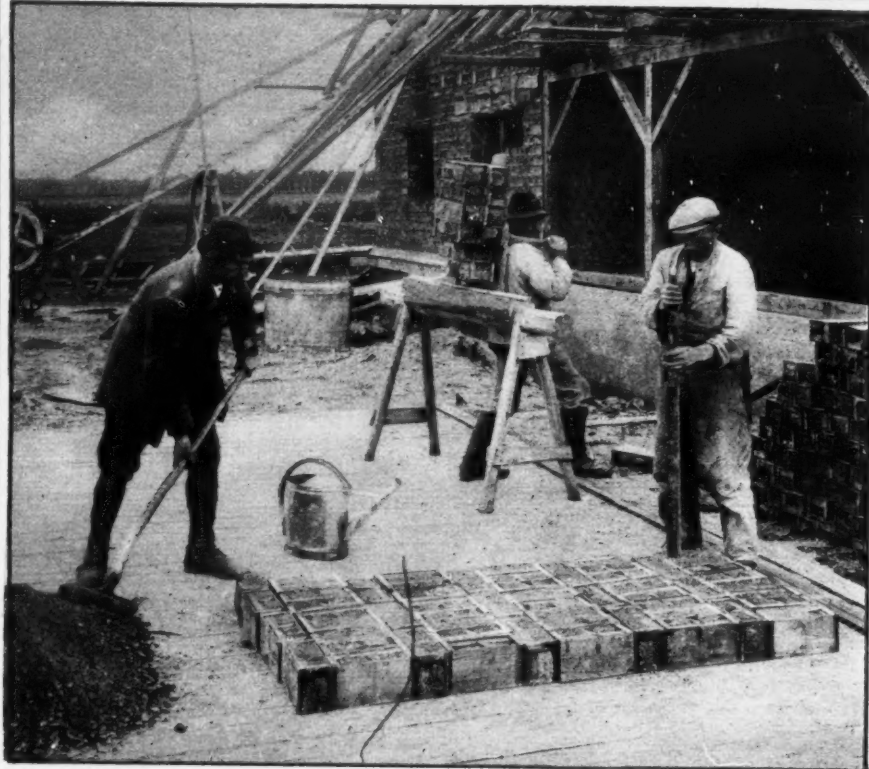
MID-WEEK PICTORIAL

AN ILLUSTRATED WEEKLY PUBLISHED BY The New York Times COMPANY
VOL. XII, NO. 23, FEBRUARY 3, 1921.
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A CHINESE BRIDE
Posed by Miss Leatrice Joy

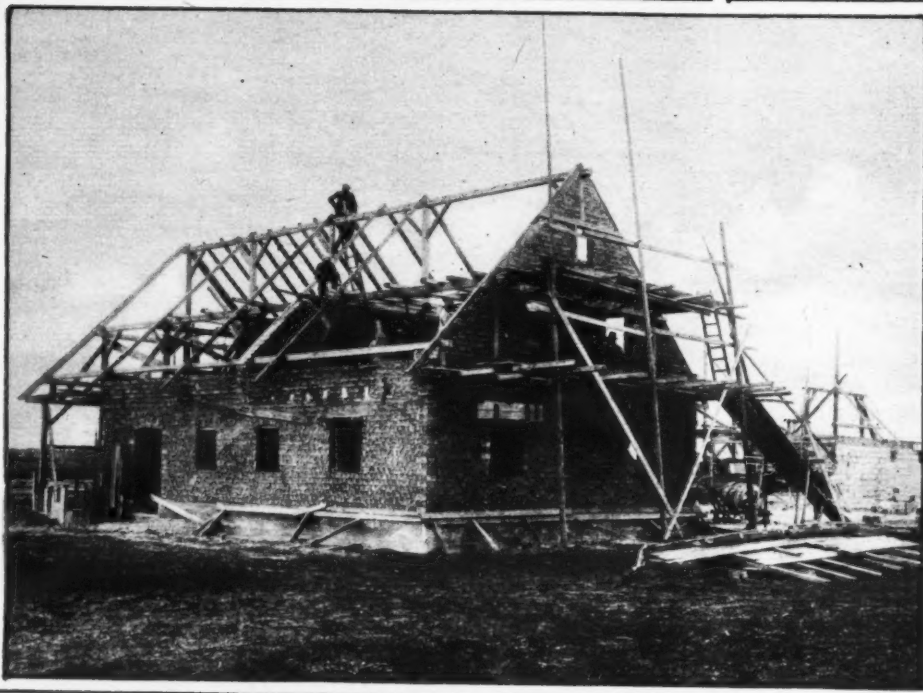
Utilizing War Material for Peace-Time Purposes



Cartouche boxes being filled with concrete to be used as bricks.



Dwelling house being entirely constructed of cement-filled cartouche boxes.



Nearly completed house made entirely of abandoned war material.

(Photos Brown Bros.)

IF the great war has taught no other lesson, it has impressed upon the world the necessity of economy. So much of the world's wealth and resources have been dissipated in the tremendous conflict that what remains has had to be husbanded with the greatest care. Many things that in normal times would be relegated to the dust heap have been proved capable of being utilized in a vast variety of industries. An illustration of this is furnished by three of the accompanying pictures. A whole colony of houses is now being built on the outskirts of Munich, Bavaria, from cartouche boxes. These are small wooden boxes in which the brass cartouches for certain guns were packed and shipped to the front. The boxes are filled with concrete, and after being thoroughly dried are used like bricks. They have proved entirely satisfactory, and the net result is a house substantially made of concrete with an inside and outside covering of wood. There are millions of such boxes in Germany and presumably in other countries that, having outlived their purposes of destruction, can now be utilized in the reconstructive activities of peace.

Rope-Climbing Apparatus of French Invention That Obviates Danger of Falling



M. Cans, a French workman, standing by an apparatus of his own invention which permits any one, large or small, to climb a rope with perfect safety.



Demonstration of rope-climbing device, which by an ingenious trapeze and foot-clamp contrivance permits the most difficult and hazardous feats to be performed without danger of slipping or falling.

(© Wide World Photos.)

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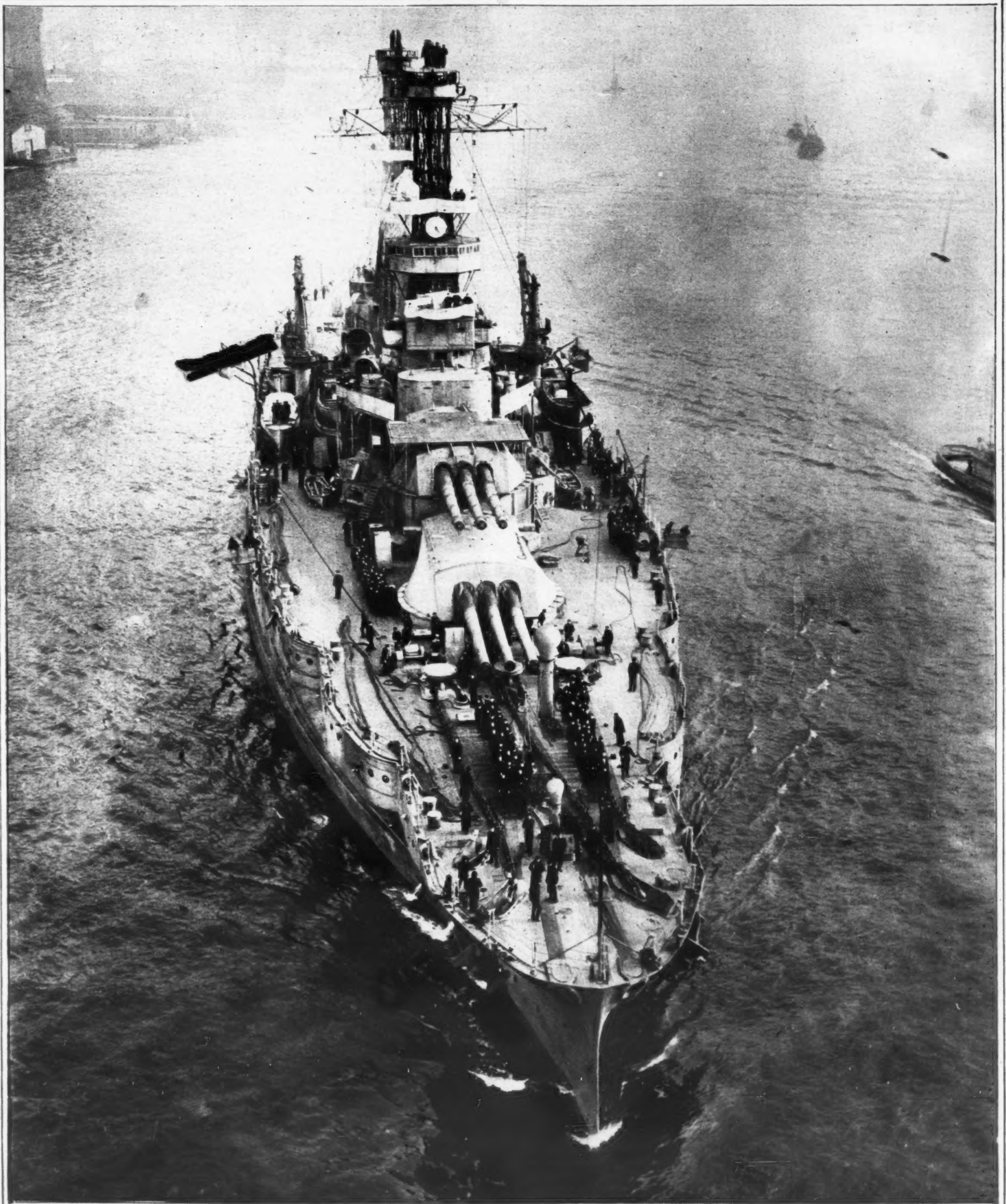
Proposed Reduction of Naval Programs

A RESOLUTION has been introduced in the Senate by Senator Borah of Idaho proposing that the United States seek an agreement with Great Britain and Japan for a fifty per cent. reduction in the naval programs of the respective nations

for the next five years. With the exact reduction left indefinite, the bill was favorably reported by the Committee on Foreign Relations. Appearing before the House Naval Affairs Committee on Jan. 11, Secretary Daniels declared that the time was ripe for

a limitation of naval armaments by general international agreement. Such a movement in his opinion might properly be initiated by President-elect Harding, who could call and hold an international disarmament conference within two months after

his inauguration. As President he would have complete authorization to hold such a conference under the Naval Appropriation act of 1916. On the following pages are shown interesting tables of the actual and prospective strength of the navies of the United States, Great Britain and Japan.



U. S. S. PENNSYLVANIA, FLAGSHIP OF THE ATLANTIC FLEET, PASSING UNDER BROOKLYN BRIDGE ON HER WAY TO GUANTANAMO BAY, CUBA, FOR BATTLE PRACTICE.

Comparative Strength of British, Japanese and United States

IN connection with the proposed "naval holiday," Secretary Daniels on Jan. 12 presented to the House Naval Affairs Committee the following comparative tables of the relative naval strength of the United States, Great Britain and Japan:

GREAT BRITAIN.

	Tons.	Ships.
Battleships	635,650	26
Destroyers	356,418	334
Light cruisers	189,295	44
Battle cruisers	175,400	6
Submarines	85,505	98
Aircraft carriers	67,200	4
Destroyers' leaders	41,774	24
Cruisers	37,200	2
Total	1,588,142	538

UNITED STATES.

	Tons.	Ships.
Battleships	435,750	16
Destroyers	308,200	260
Light cruisers	None	..
Battle cruisers	None	..
Submarines	35,361	54
Total	779,173	330

JAPAN.

	Tons.	Ships.
Battleships	178,320	6
Destroyers	26,926	27
Light cruisers	25,350	6
Battle cruisers	110,000	4
Total	340,596	43

The authorized building programs were given as follows:

GREAT BRITAIN.

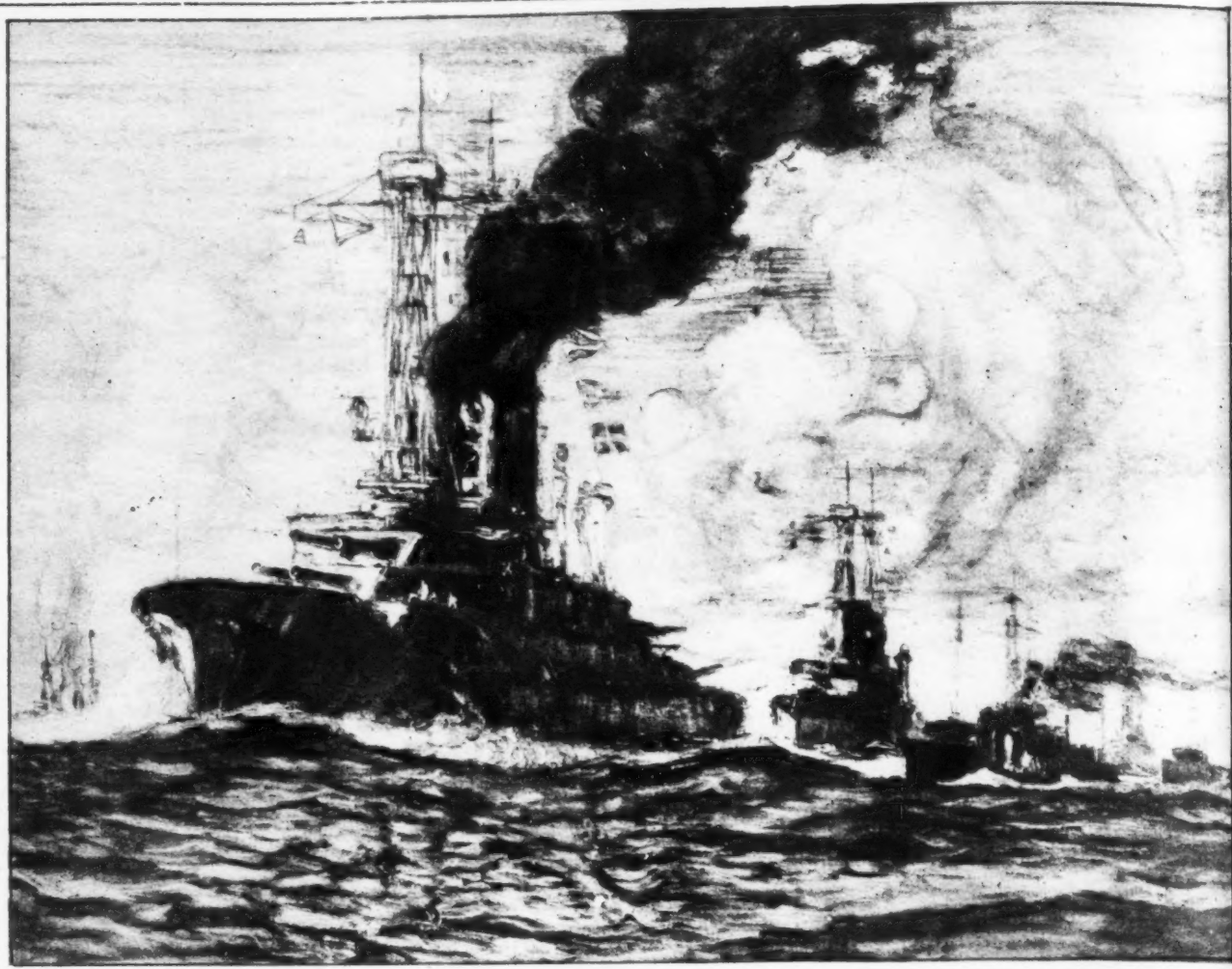
Battleships	None
11 destroyers	11,300 tons
5 light cruisers	38,780 tons
Battle cruisers	None
19 submarines	21,970 tons
1 destroyer leader	1,750 tons
Cruisers	None
Total—36 units	76,800 tons.

UNITED STATES.

11 battleships	421,900 tons
38 destroyers	48,100 tons
10 light cruisers	71,000 tons
6 battle cruisers	261,000 tons
43 submarines	38,100 tons
Total—100 units	842,100 tons.

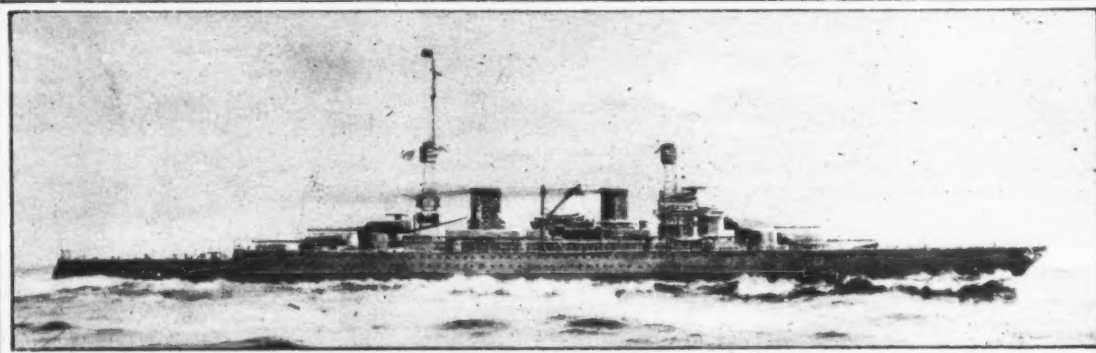
JAPAN.

3 battleships	112,050 tons
15 destroyers	16,710 tons
9 light cruisers	51,800 tons
4 battle cruisers	160,000 tons
10 submarines	8,500 tons
Total—41 units	328,460 tons.



United States battleship squadron at "full speed ahead."

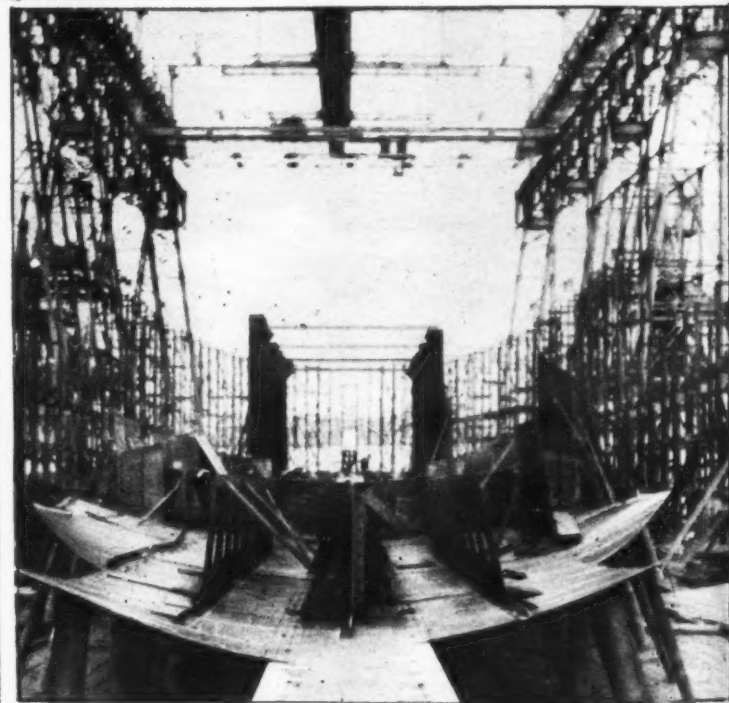
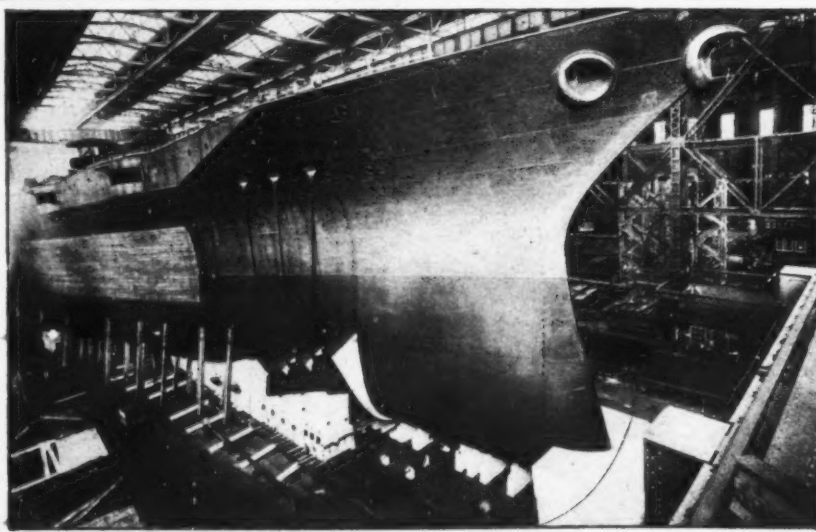
(From a painting by Lieut. Commander Reuterdahl.)



U. S. battle cruiser Lexington. She will be of 43,000 tons, and one of the most powerful vessels of her type in existence.

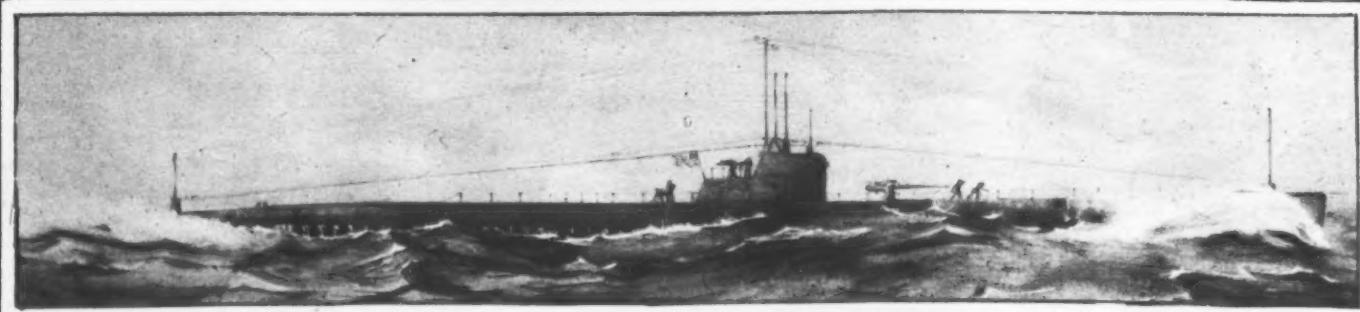
(© U. S. Navy Official Photo.)

Towering hull of the battleship Idaho while in process of building. She has since been put into active service.



U. S. S. North Carolina in process of construction at Norfolk Navy Yard. She will carry twelve 16.5 guns and subsidiary batteries.

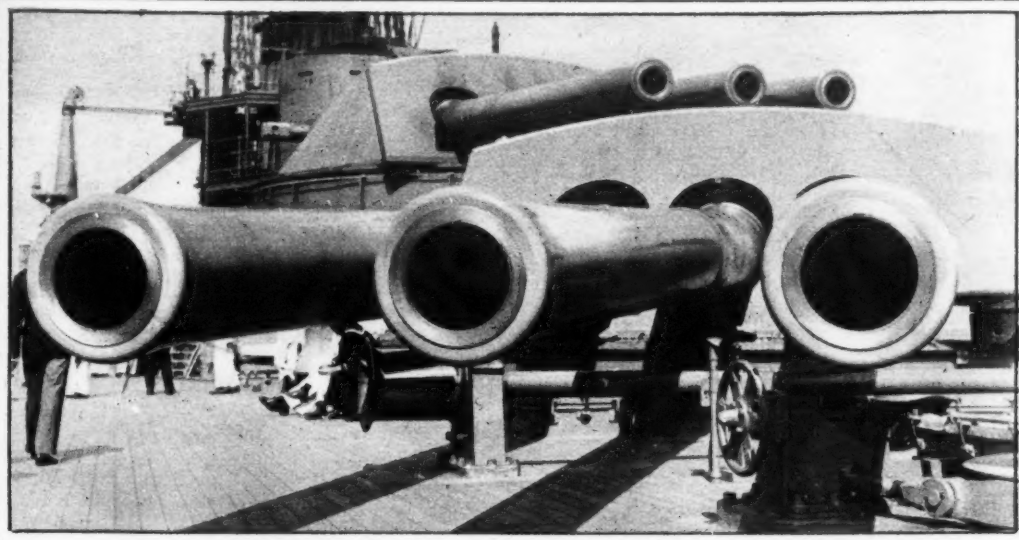
An airman's view of the U. S. Maryland immediately after her launching and before she was equipped with the armament that makes her one of the most formidable vessels afloat.



Type of U. S. submarine now under construction. Three are nearly completed while bids for six others are under consideration. They will be 300 feet long, with an estimated surface speed of 20 miles an hour.

(U. S. Navy Official, from Underwood & Underwood.)

Navies in Connection With Suggestion for a "Naval Holiday"



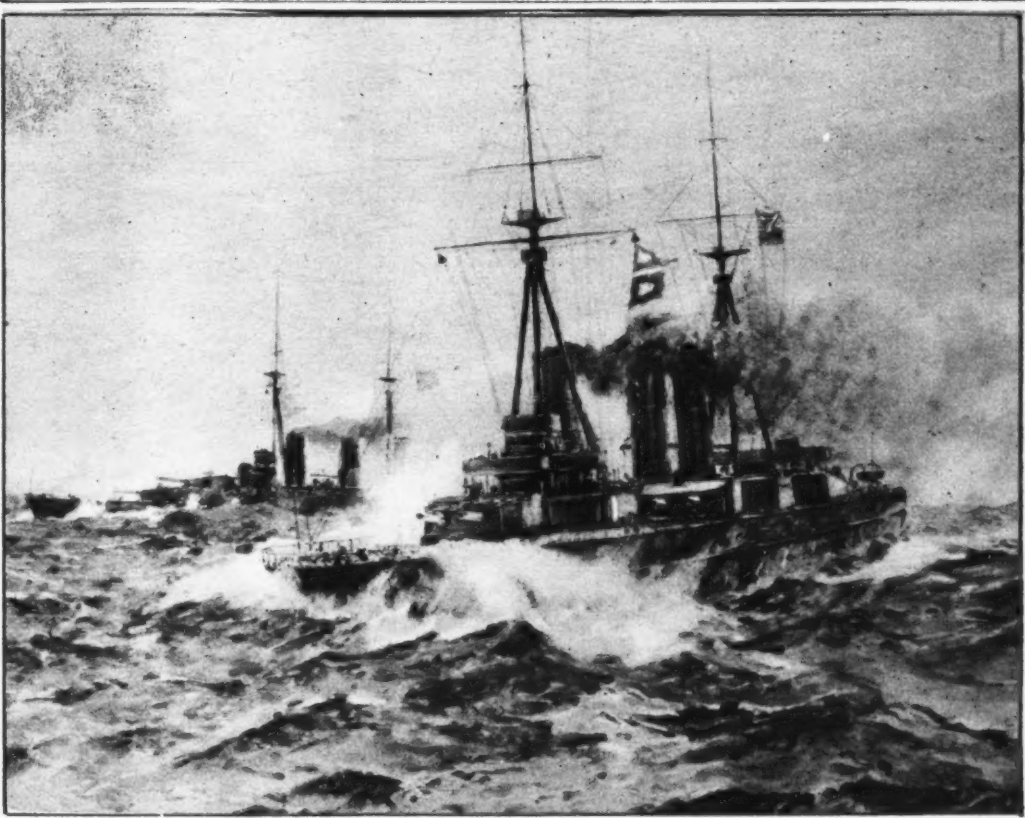
NAVAL UNITS IN ACTIVE SERVICE			
TYPE	UNITED STATES	GREAT BRITAIN	JAPAN
BATTLE-SHIPS	16 VESSELS 435,750 TONS	26 VESSELS 635,650 TONS	6 VESSELS 178,320 TONS
BATTLE CRUISERS	NONE	6 VESSELS 175,400 TONS	4 VESSELS 110,000 TONS
CRUISERS	NONE	2 VESSELS 37,200 TONS	NONE
LIGHT CRUISERS	NONE	44 VESSELS 189,295 TONS	6 VESSELS 25,350 TONS
DESTROYER LEADERS	NONE	24 VESSELS 41,774 TONS	NONE
DESTROYERS	260 VESSELS 308,200 TONS	334 VESSELS 356,418 TONS	27 VESSELS 26,926 TONS
SUB-MARINES	54 VESSELS 35,361 TONS	98 VESSELS 85,505 TONS	NONE
AIRCRAFT CARRIERS	NONE	4 VESSELS 67,200 TONS	NONE
TOTAL	330 VESSELS	538 VESSELS	43 VESSELS
TONS	779,173	1,588,442	340,596

Diagram showing present strength of the United States, British and Japanese Navies.

AUTHORIZED BUILDING PROGRAM			
TYPE	UNITED STATES	GREAT BRITAIN	JAPAN
BATTLE-SHIPS	11 VESSELS 421,900 TONS	NONE	8 VESSELS 112,050 TONS
BATTLE CRUISERS	6 VESSELS 261,000 TONS	NONE	4 VESSELS 160,000 TONS
CRUISERS	NONE	NONE	NONE
LIGHT CRUISERS	10 VESSELS 71,000 TONS	5 VESSELS 38,780 TONS	9 VESSELS 51,800 TONS
DESTROYER LEADERS	NONE	1 VESSEL 1,750 TONS	NONE
DESTROYERS	36 VESSELS 48,100 TONS	11 VESSELS 14,390 TONS	15 VESSELS 16,710 TONS
SUB-MARINES	43 VESSELS 38,100 TONS	19 VESSELS 21,970 TONS	10 VESSELS 8,500 TONS
AIRCRAFT CARRIERS	NONE	NONE	NONE
TOTAL	100 VESSELS	36 VESSELS	41 VESSELS
TONS	842,109	76,890	328,460

Diagram showing the ships now authorized by the United States, British and Japanese Governments.

Big guns on the Pennsylvania that can hurl 1,400-pound projectiles.



Squadron of Japanese fighting ships on active service.
(From a drawing.)

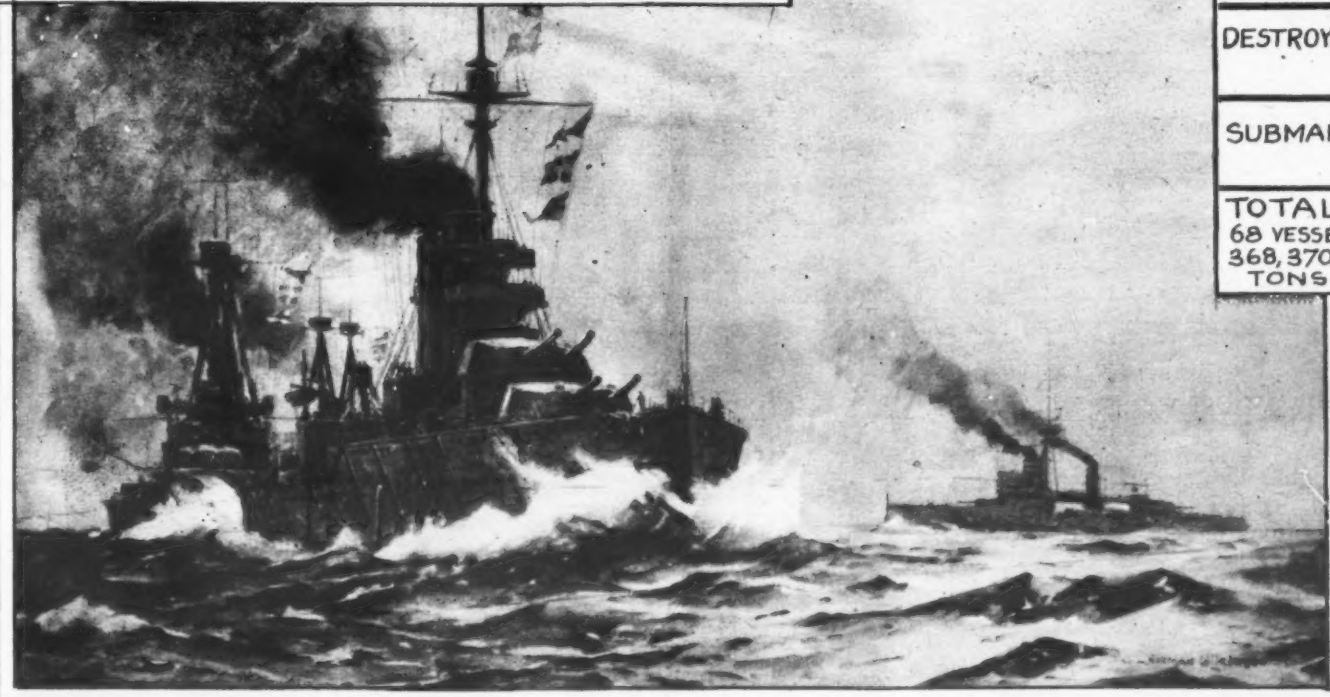
Powerful battery of four 15-inch guns in bow of modern British battleship. The three-gun turret has not been adopted.

ADDITIONAL JAPANESE SHIPS PROJECTED BUT NOT YET AUTHORIZED

BATTLE SHIPS	4 VESSELS 149,850 TONS
BATTLE CRUISERS	4 VESSELS 160,000 TONS
DESTROYERS	30 VESSELS - 33,420 TONS
SUBMARINES	30 VESSELS - 25,500 TONS
TOTAL	68 VESSELS 368,370 TONS

Diagram indicating the ships that are proposed to be added to the Japanese Navy.

Capital ships of the British Navy, the King George V. leading, going into action.
(From drawing made by the English artist, Wilkinson, during the war.)

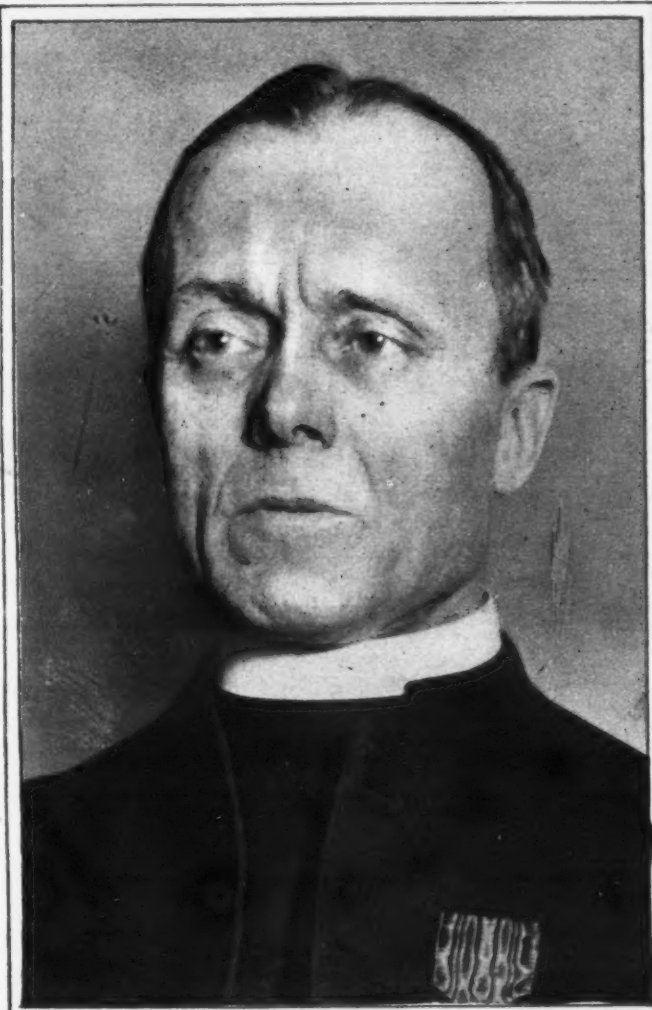


Late News Incidents Illustrated and Described



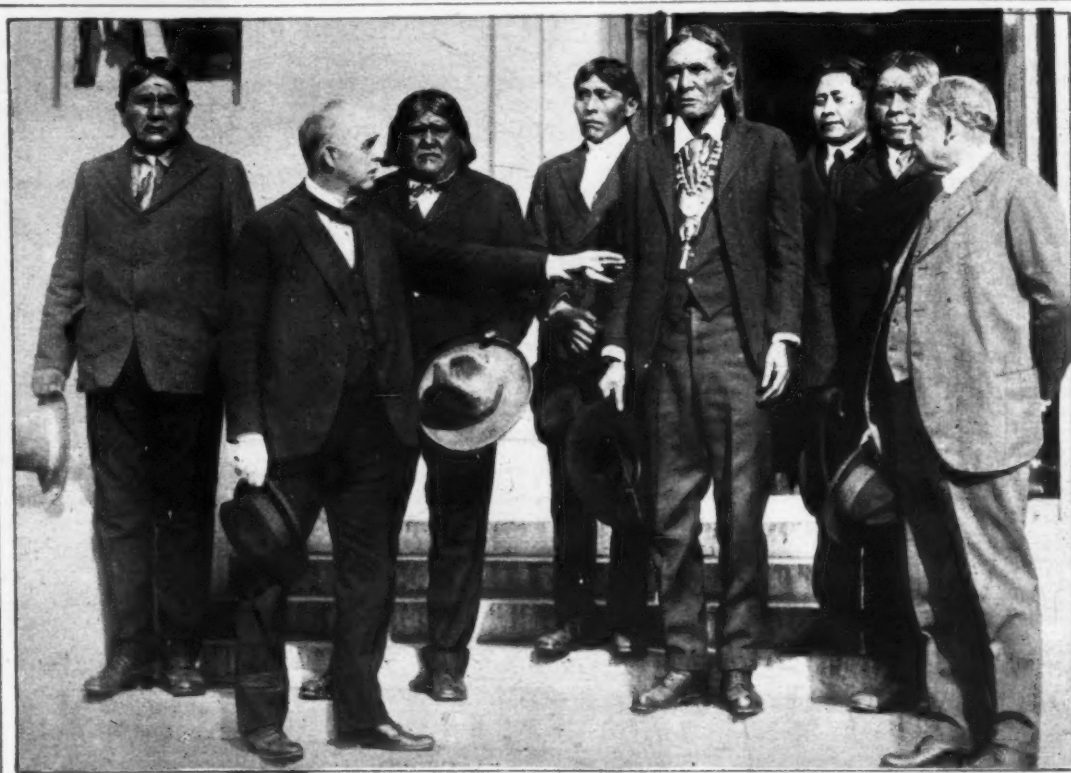
MONTREAL UNEMPLOYED

Crowd of unemployed, mostly ex-members of the Canadian Expeditionary Force, gathered outside the City Hall in Montreal in a demonstration that finally led to a raid on restaurants.



BISHOP WILLIAM THOMAS MANNING

Eminent Protestant Episcopal rector, elected as Bishop of the New York Diocese Jan. 26. He was born in England in 1866.



APACHES IN WASHINGTON

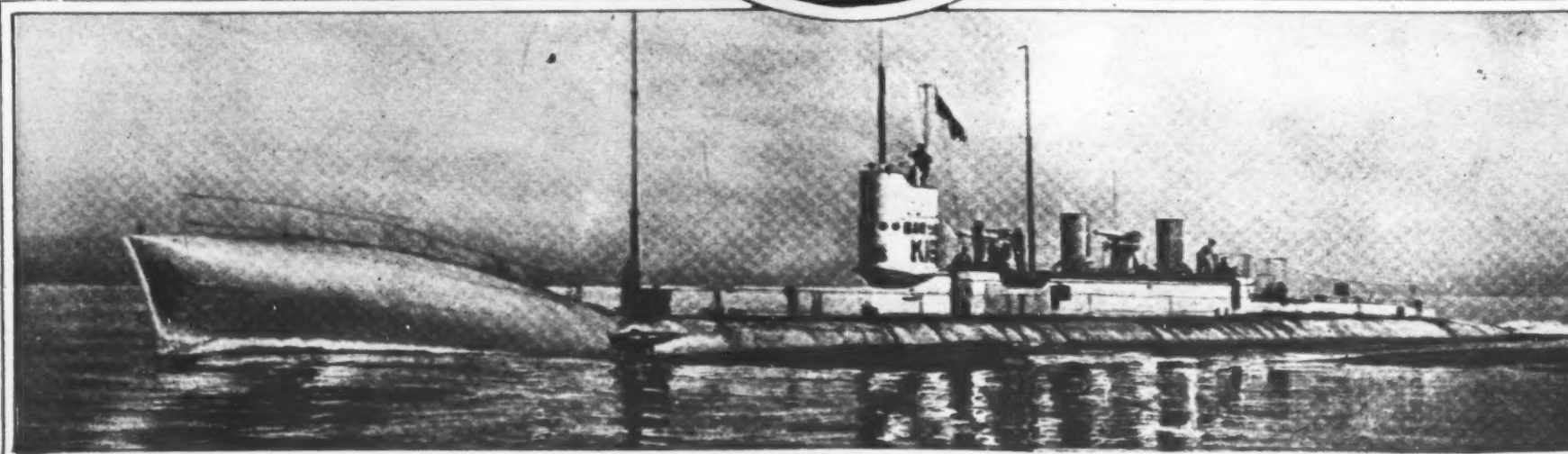
Six members of the White Mountain Apache tribe of Indians now paying their first visit to Washington. They are being shown about by Indian Commissioner Cato Sells (at left).

(© International.)



GENERAL ZELIGOUSKI

the Polish commander who, imitating the venture of d'Annunzio in Fiume, seized the city of Vilna, the possession of which is in dispute between Poland and Lithuania, and thus far has held it in defiance of his own and other Governments. He has organized a complete independent administration.



TYPE OF BRITISH SUBMARINE THAT DISAPPEARED WITH ALL ITS CREW

The K-5 that sank off Land's End, England, Jan. 20, carrying to the bottom its six officers and fifty-one men, was of the type shown above. The cause of the disaster is a mystery, and as the vessel is supposed to lie in water 500 feet deep salvage is probably impossible. England is deeply stirred over the disaster.

Outrages and Reprisals Still Rife in Ireland

ALL peace negotiations between the Sinn Fein leaders and the British Government seem to have been abandoned, or, if still carried on, are conducted with such secrecy that the public is not cognizant of them. The recent manifesto issued by de Valera showed no weakening of the demand for complete independence, and this the British Government declares is impossible. In the meantime, killings of police and military officers show no sign of abatement. Every day brings its own story of men killed in their beds or shot down from ambush. Prompt reprisal on the other hand is instituted by the British authorities, which has definitely sanctioned this method of dealing with such outrages. A gruesome incident occurred Jan. 26 when five men armed with revolvers went to the room occupied by three men in a Belfast hotel, shot two of them dead, and severely wounded the third. The assassins escaped. The men killed were policemen named Quinn and Heffron, who were to be important witnesses at a police inquiry. The wounded man, Patrick Gilmartin, was also a police witness.



MAJOR GEN. SIR E. P. STRICKLAND
British Military Governor of the Cork area, whose report on the burning of Cork has not yet been made public by the British Government. Charges have been made by the Sinn Feiners that the report was held back because it showed the incendiary guilt of the Auxiliary Police.

(© International.)



Soldier scouts on the outskirts of the Village of Mallow, County Cork, keeping a sharp lookout for possible attack. While they are watching their comrades are carrying out reprisals for an ambush that occurred nearby.

(© Keystone View Co.)



Wrecked farmhouse, taken just after the explosion that practically destroyed it. The house was the object of a British official reprisal in retaliation for an outrage in the vicinity.

(© Keystone View Co.)



Main street of Mallow, Ireland, showing the damage inflicted by reprisals. On the site of stores burned down tin huts have been erected, where business is carried on. Mallow was one of the first towns to suffer from official reprisals.

(© Keystone View Co.)

Women Prominent in Spheres of Law, Art and Politics

FOR the first time in history the electoral vote of a State was conveyed part of the way to the Capitol in an airplane. This itself was unique, but interest is added to the flight by the fact that it was under-

taken by women, both of whom were grandmothers. They flew from Lincoln, Neb., with the electoral vote of that State, intending to pursue their flight to Washington, but this plan was changed when bad weather com-

pelled them to stop at Des Moines, Iowa, and continue their journey from there by rail.

That women can be stern in the performance of judicial duty was emphasized recently by Judge Florence Allen of Cleveland, Ohio, when she

sentenced a convicted murderer to imprisonment for life. Her court is conducted in a way that has won encomiums from lawyers. Women's ventures into other fields of endeavor are illustrated by the accompanying portraits.



DARING WOMEN AVIATORS

Mrs. H. H. Wheeler and Mrs. Draper Smith, who flew in airplane from Lincoln to Des Moines, carrying electoral vote.
(© International.)



MISS MARTHA NEUMARK of Cincinnati, Ohio, now studying to become a rabbi.
(© U. & U.)



MISS D. E. VICAJI young English portrait painter.



MRS. IDA M. WALKER member of Kansas Legislature.
(© Underwood & Underwood.)



MISS KATHRYN STARBUCK practicing attorney in New York State.
(© U. & U.)



JUDGE FLORENCE ALLEN of Cleveland, Ohio, who recently sentenced a murderer to life imprisonment.
(© Keystone View Co.)

MRS. ADELAIDE JOHNSON sculptress, who recently completed monument to America's leading suffrage leaders.

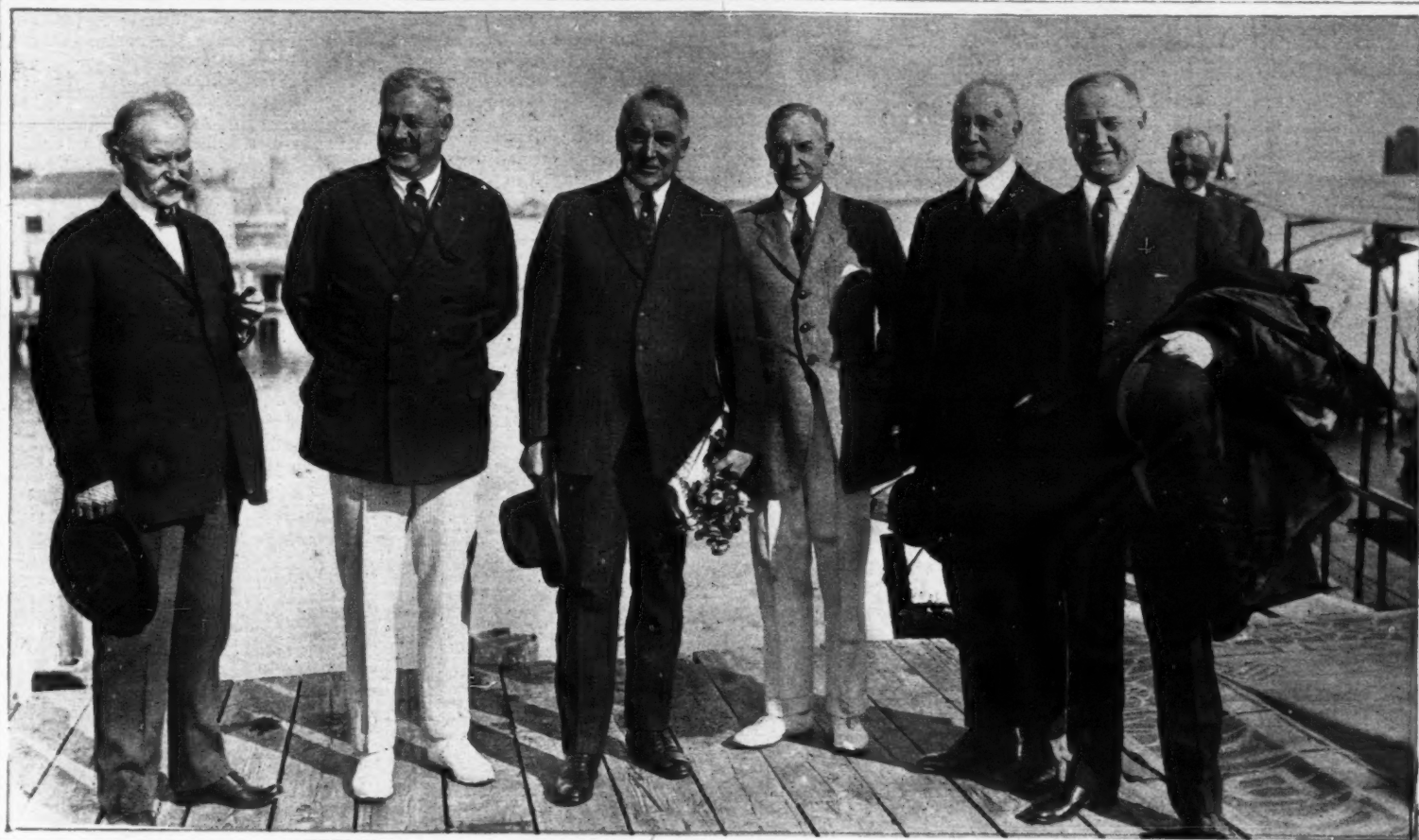


MRS. J. S. FRELINGHUYSEN wife of N. J. Senator, who is host on his yacht to President-elect Harding.



MISS HELEN McCORMICK Assistant Deputy District Attorney of Queens County, N. Y., who favors juries of women.
(© Underwood & Underwood.)

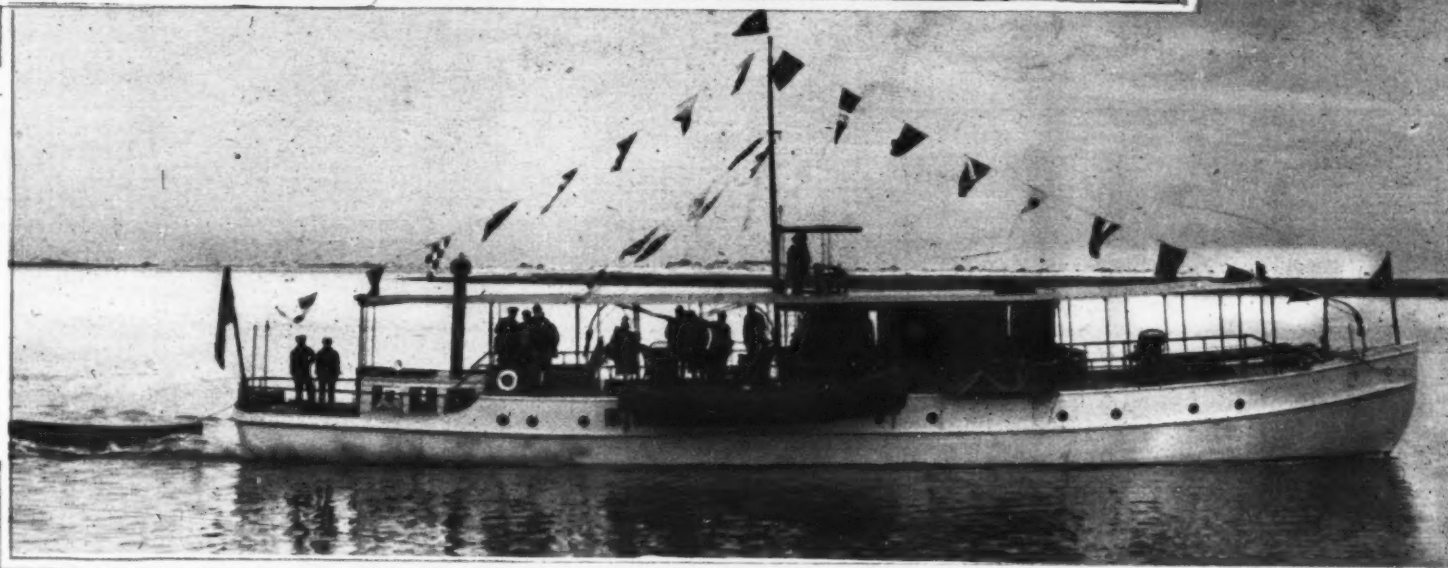
President-elect Harding Resting in Florida



The President-elect with a group of intimate friends photographed on a pier in St. Augustine, Fla. In the group, from left to right, are Senator Albert Fall of New Mexico, Senator Frelinghuysen of New Jersey, President-elect Harding, Hon. H. P. Fletcher, Dr. Ely and H. M. Daugherty.
(© Wide World Photos.)

The Victoria, Senator Frelinghuysen's houseboat, leaving St. Augustine, Fla., with President-elect Harding and party on board. Mr. Harding will spend the greater part of his vacation on the boat.

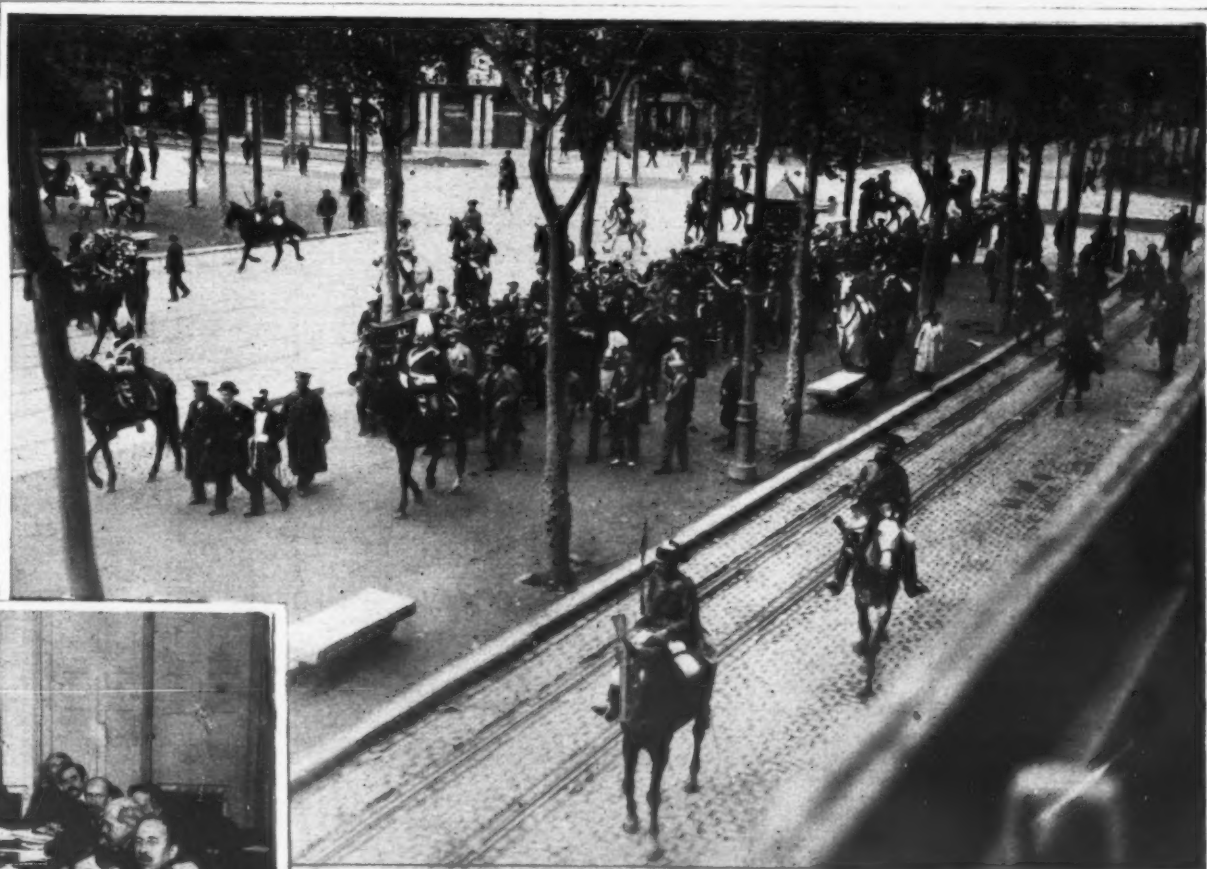
(© Underwood & Underwood.)



Syndicalist Demonstrations in Spain—Anti-Bolshevist Gathering in Paris

Barcelona disturbances in connection with the funeral of a radical syndicalist leader, Senor Layret, who had been shot and killed by a member of the "Free Union." The civic guards on horseback are shown arresting some of the rioters. Barcelona is the greatest commercial city of Spain and has for many years past been the centre of radical agitation.

(© Wide World Photos.)



Assembly held at Paris, France, to consult on methods for the regeneration of Russia and its redemption from Bolshevist tyranny. These men were members of Russian Duma at the time that Kerensky was in power, but were driven from Russia by Lenin's success.

(© Western Newspaper Union.)



Men and Events of Note in the National Capital

THE recovery of President Wilson from his long illness, while slow, seems to be steadily progressing. The unusually mild Winter has permitted him to take many automobile rides and there is usually a throng of respectful and sympathizing spectators about the car when it leaves the White House grounds. It is reported that the President is able to transact a good deal of routine business. At

the opening of Congress it was thought that he might be able to present his message to Congress in person, but this idea, if it was seriously entertained, was vetoed by his medical advisers.

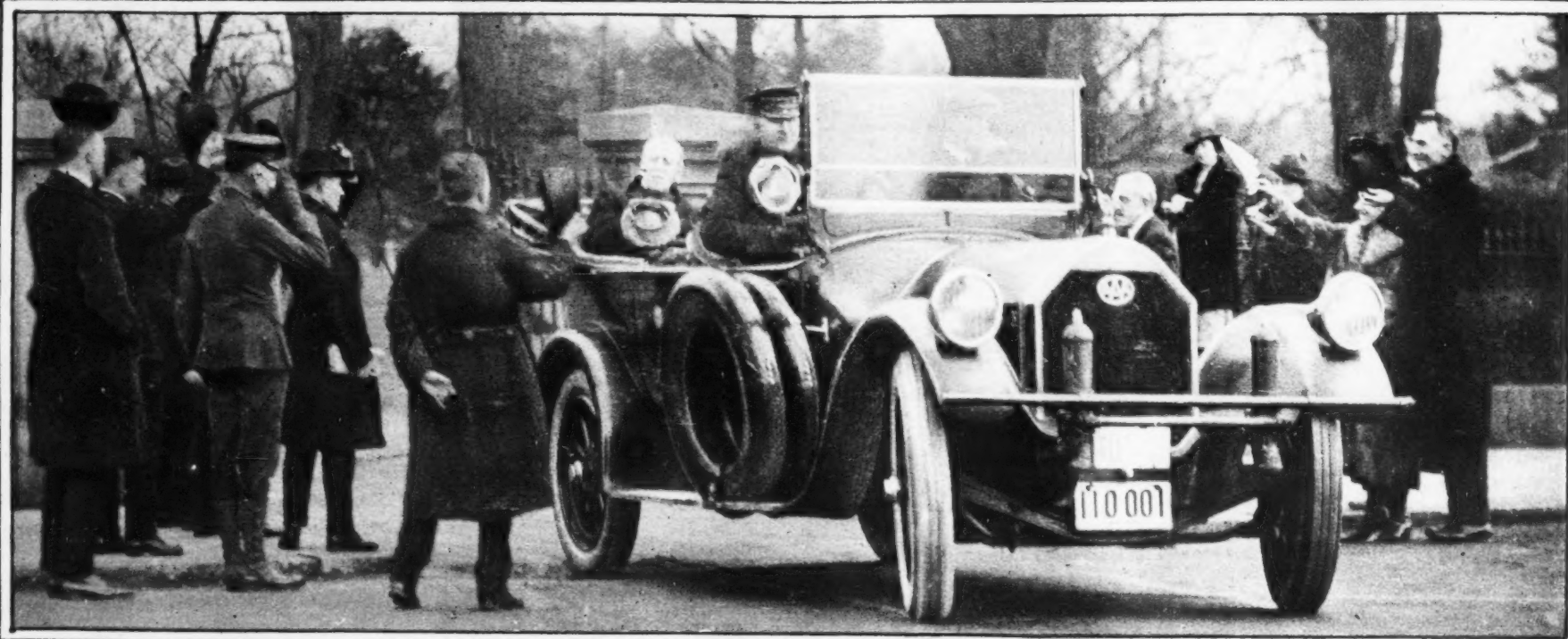
Considerable interest attaches to the visit to this country of Hon. Newton W. Rowell of Canada. His name has been mentioned in connection with the possible appointment of a Canadian Ambassador to Washington. He was a delegate to the League of Nations

Conference at Geneva and attracted great attention there because of the forcefulness of his views and the fearlessness with which he expressed them.

The Congressional inquiry into the operations of the U. S. Shipping Board has taken on an added interest owing to the statement of Colonel Abadie that a large sum had been charged against ship construction to cover the personal expenses of Mr. Schwab when he was at the head of the Emergency Fleet Corporation. This

was indignantly denied by Mr. Schwab, who promptly solicited an opportunity to appear before the committee to refute the statement. This was granted. The investigation is still continuing.

The cane shown in the hands of Representative Parrish was made from the wood of a tree planted in Texas in 1876. It was presented to President Wilson and bore the inscription: "Presented by the Democrats of Wise County, Texas, as an indorsement of your stand on the League of Nations."



L. W. PARRISH
Representative from Texas, with
cane recently presented to the
President.

(© Harris & Ewing.)

MEDILL McCORMICK
Republican Senator from
Illinois, just returned from
tour of Europe.

(© Harris & Ewing.)

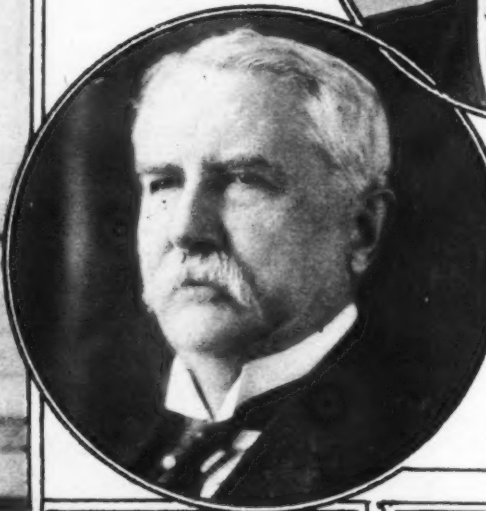


REV. J. J. MUIR
new Chaplain of the Senate.

(© Harris & Ewing.)

PRESIDENT WILSON
leaving the White
House for his almost
daily ride.

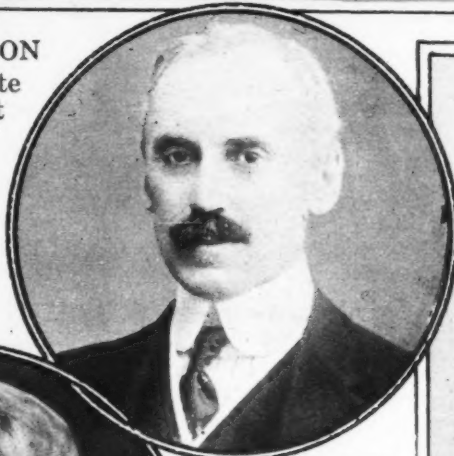
(© Harris & Ewing.)



HON. N. W. ROWELL
Canadian
statesman
now in this
country.

HENRY WHITE
former Am-
bassador and
Peace Delegate.

(© Harris & Ewing.)

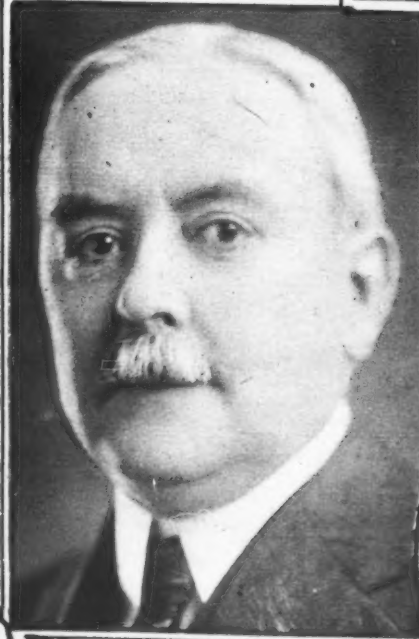


CHARLES M. SCHWAB
testifying recently in the Ship-
ping Board inquiry.

(© Harris & Ewing.)

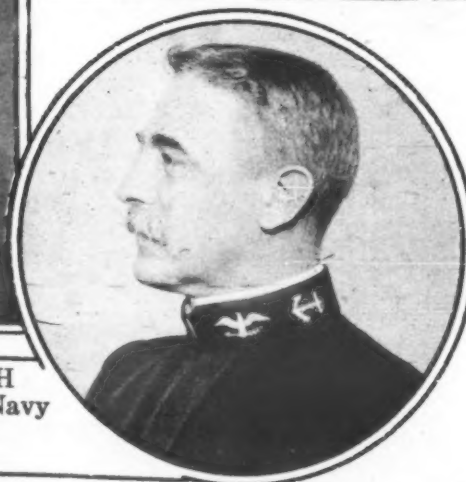
ROWLAND B. MAHANY
Appointed to International
Commission of Immigra-
tion and Emigration.

(© Harris & Ewing.)



CAPT. HENRY H. HOUGH
new head of New York Navy
Publicity Bureau.

(© U. S. Navy Official.)



Aid for Starving Children—Honoring Benjamin Franklin

TESTIMONY from reliable witnesses is not lacking of the deplorable food conditions that prevail in Southeastern Europe, especially in Austria, which is in a more desperate situation than any other nation. Senator Medill McCormick has just returned from an extended tour of Europe with harrowing stories of the distress which exists among the little children of Austria. He saw the sufferers as they assembled insufficiently clothed at the feeding station operated by the American Relief Commission. That organization is raising \$33,000,000 for relief purposes.

The 215th anniversary of the birth of Benjamin Franklin was made the occasion for the institution of a thrift week in New York. It was fitting that the great apostle of thrift should have been made the central figure of a saving campaign, for his wise saws and apothegms as "Poor Richard" have attained a world-wide fame. His statue in Park Row, New York, was decorated during the early days of the celebration and honors were paid at his grave in Philadelphia, the city with which his fame was chiefly associated, although he was born in Boston. Of interest to students of heredity is the remarkable resemblance borne by Franklin Bache Huntington of New York to his famous ancestor.



Herbert C. Hoover supervising shipments of food-stuffs abroad at Brooklyn dock.
(© International.)

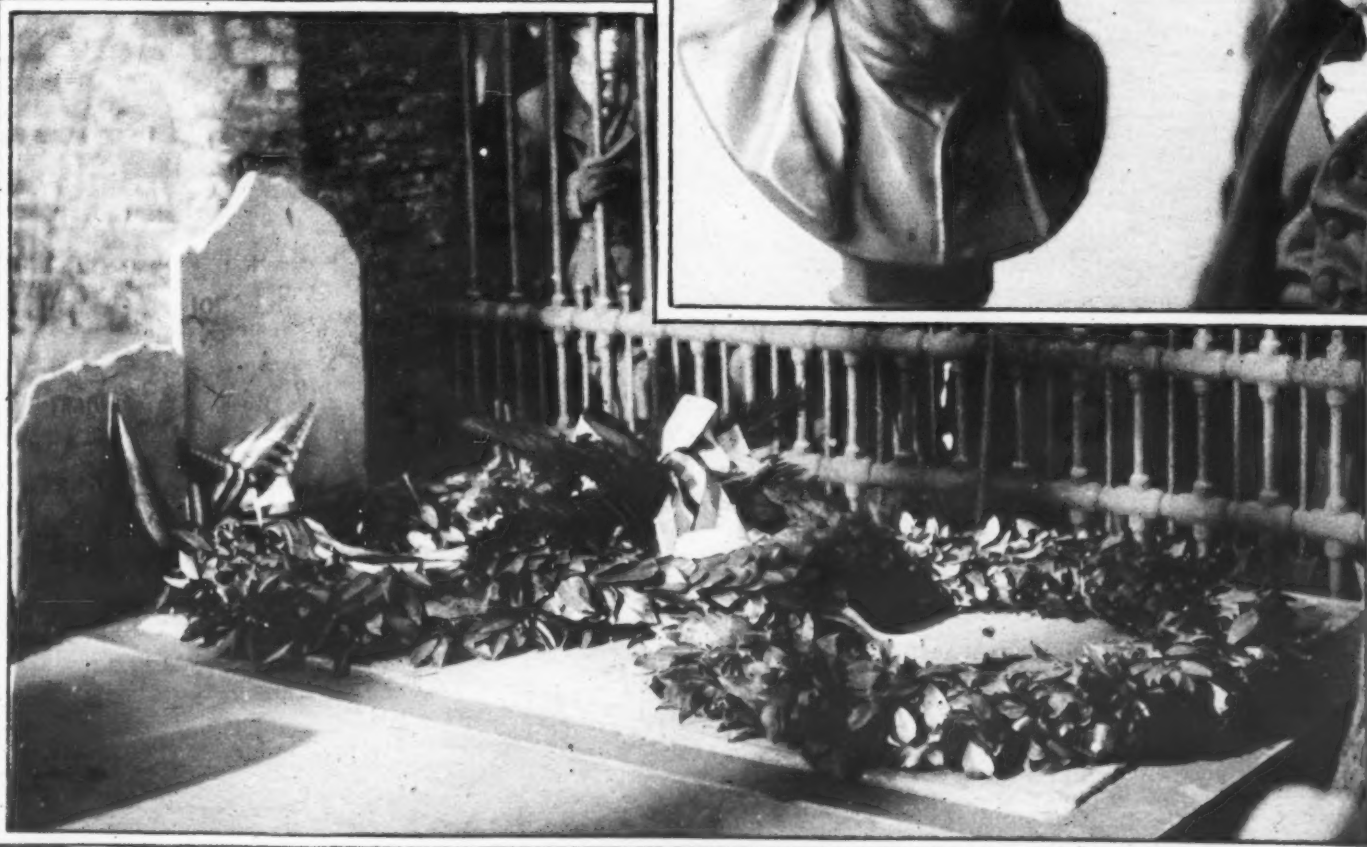


Senator McCormick (at rear) witnessing the feeding of hungry children at American relief station in Austria.
(© Wide World Photos.)



FRANKLIN BACHE HUNTINGTON
New York architect and great-great-grandson of Benjamin Franklin, bears a striking resemblance to his illustrious ancestor, as can be seen by this comparison. He has appeared in the role of the famous statesman in helping the Franklin Thrift Week campaign.

(© International.)



Grave of Benjamin Franklin at Fifth and Arch Streets, Philadelphia, decorated on the 215th anniversary of his birthday, Jan. 17. A speech was delivered by Dr. Edgar F. Smith of the University of Pennsylvania, after which taps were sounded.

(© Keystone View Co.)

Terraced Rice Fields in Luzon That Demonstrate the W



THESE flourishing rice plantations rising terrace upon terrace in one of the most remote and least-known districts of Luzon, the chief island of the Philippines, have been established and cultivated by one of the native tribes known as the Bohtoc Igorrotes. They are a primitive people, believed to be of Mongolian origin, addicted to tattooing, and coming but little in contact with the civilizing influences

of the towns of the archipelago. But whatever their backward state, they have at least made great progress in agriculture, as is shown by the way they have utilized the steep slopes of their hills and mountains for the production of rice, the chief food of the population. The growing of rice requires so much water that it is usually carried on in low and swampy lands. This was not possible in these high regions,

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the Wonderful Agricultural Richness of the Philippines



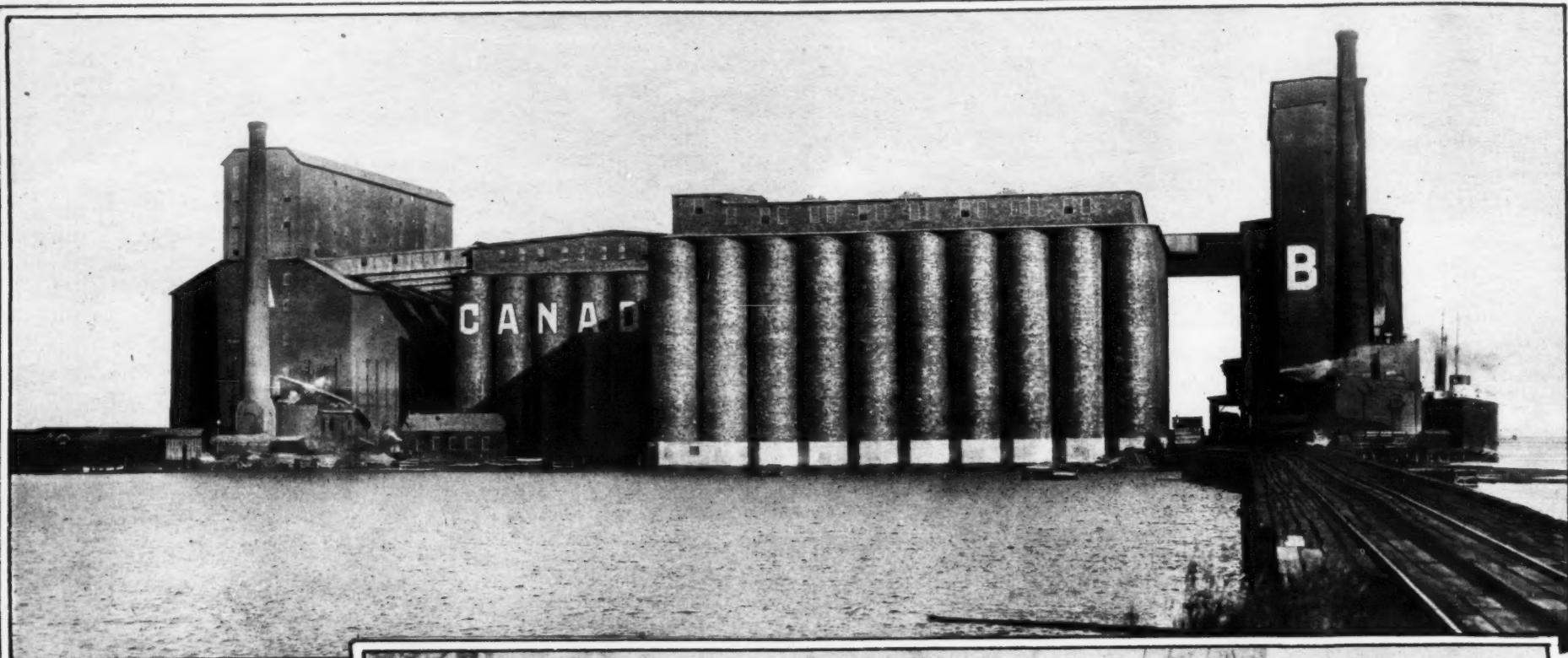
backward state,
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ly carried on
high regions,

but the need of water has been supplied by a remarkable system of irrigation that has transformed the hill slopes into fertile fields. Canals connected with the terraces furnish an equal and abundant supply of water, and the crops raised under this system of intelligent and intensive cultivation are surprisingly large. If the system were extended, as would be easily possible, the Philippines could become

one of the chief sources of the world's supply of rice, which is one of the most important staples, and is the chief article of food of more than half the human race. Despite its comparative lack of nitrogenous elements, the teeming millions of China and Japan subsist and thrive upon it. The natural wealth of the Philippines and the great possibilities of the archipelago explain the growing agitation for complete national independence.



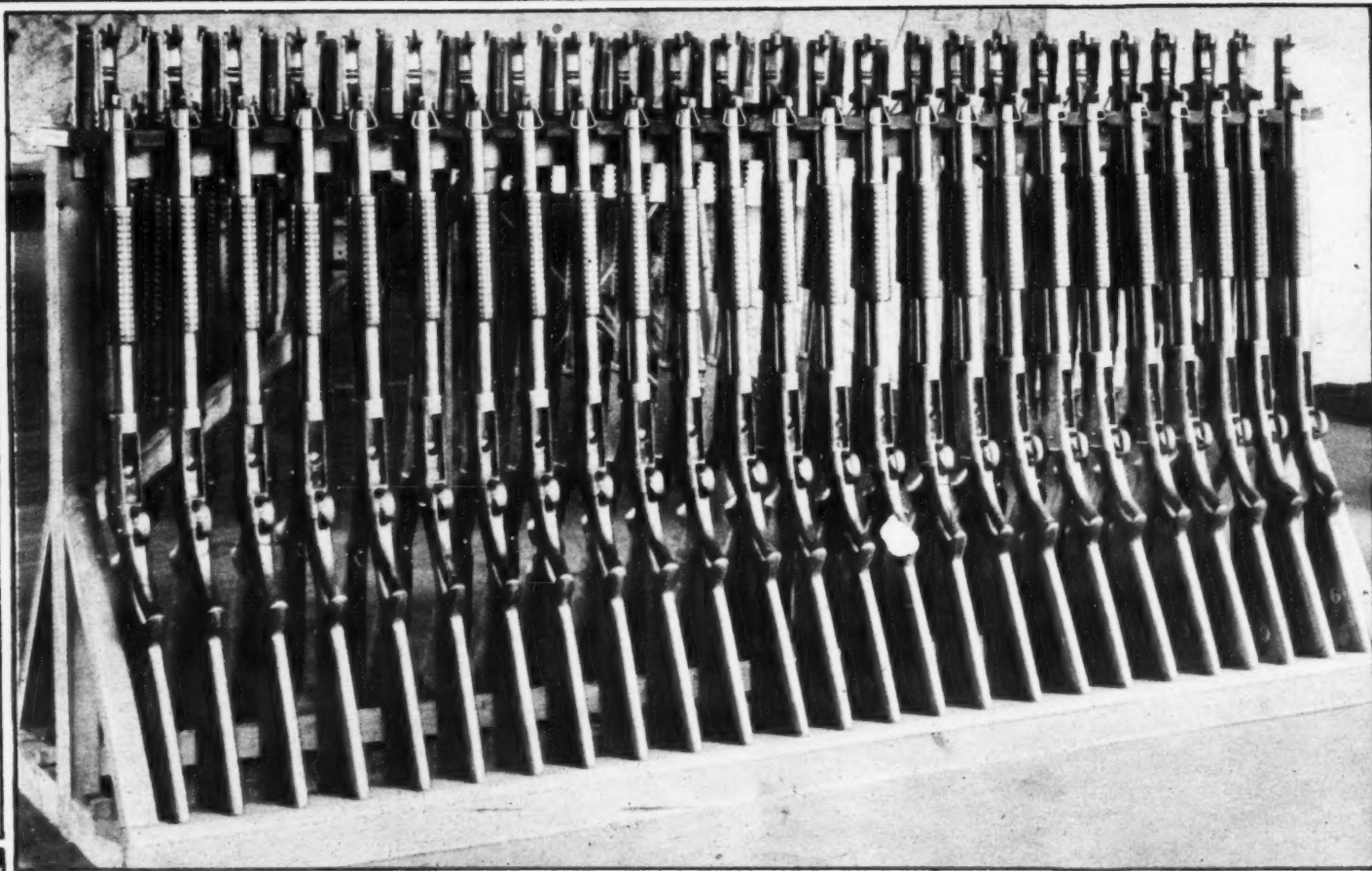
Current Events in Many Notable and Curious Phases



HUGE GRAIN ELEVATOR

What is said to be the largest grain elevator in the world, located at Port Arthur, Ont. At the left are shown trains delivering grain, while at the right cargoes are being loaded for transmission to foreign ports.

(© Underwood & Underwood.)



REPEATING RIFLES FOR POLICE

Some of the new repeating rifles that are now being supplied to the Boston police force for emergency use. The threat of radical agitation has led more and more in the great cities to the equipment and training of the police on military lines.

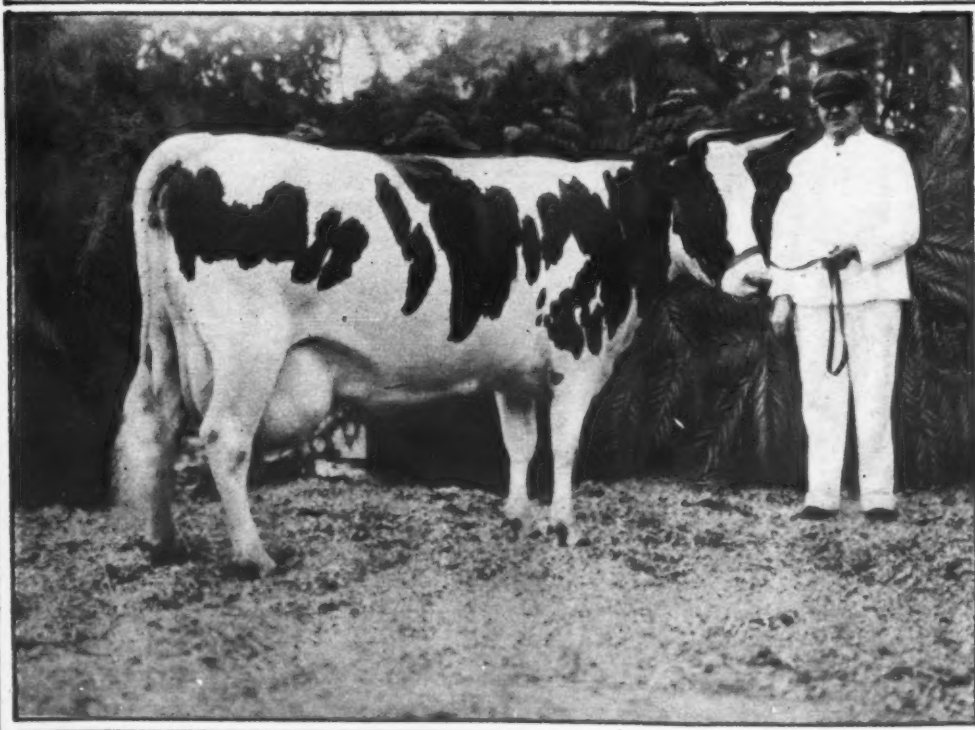
(© Underwood & Underwood.)



POPE'S VINEYARD IN VATICAN

Long avenue in the garden of the Vatican, where the Pope is accustomed to take his daily stroll in fine weather. The view was taken in Winter before the vines began their luxurious growth that later on will clothe the arbor with beauty.

(© Keystone View Co.)



WORLD'S RECORD HOLSTEIN

Segis Pieterje of the Carnation Stock Farm, who holds the world's record as a butter producer. She yielded 37,381 pounds of milk and 1,448 pounds of butter in 365 days.

(© Wide World Photos.)

Snapped by the Camera in All Parts of the Globe

CENSUS RECORDS RUINED

Priceless census records which were made illegible by being scorched and water-soaked in a fire that broke out in the basement of the Commerce Building in Washington, D. C., Jan. 10. An investigation revealed that important census documents of 1890 were destroyed. Fortunately none of the 1920 records were located there.

(© Underwood & Underwood.)



LAFAYETTE PUNCH BOWL

This punch bowl was made in England for the dinner given at Castle Garden Aug. 16, 1824, in honor of the visit to America of General Lafayette. Scenes connected with the landing of the illustrious visitor are depicted on the bowl. The bowl is 22 1/4 inches high, 31 1/2 inches in diameter and has a circumference of 101 1/2 inches. It was presented to the N. Y. Historical Society in 1910 by Miss R. M. and Mr. J. J. Heiser.

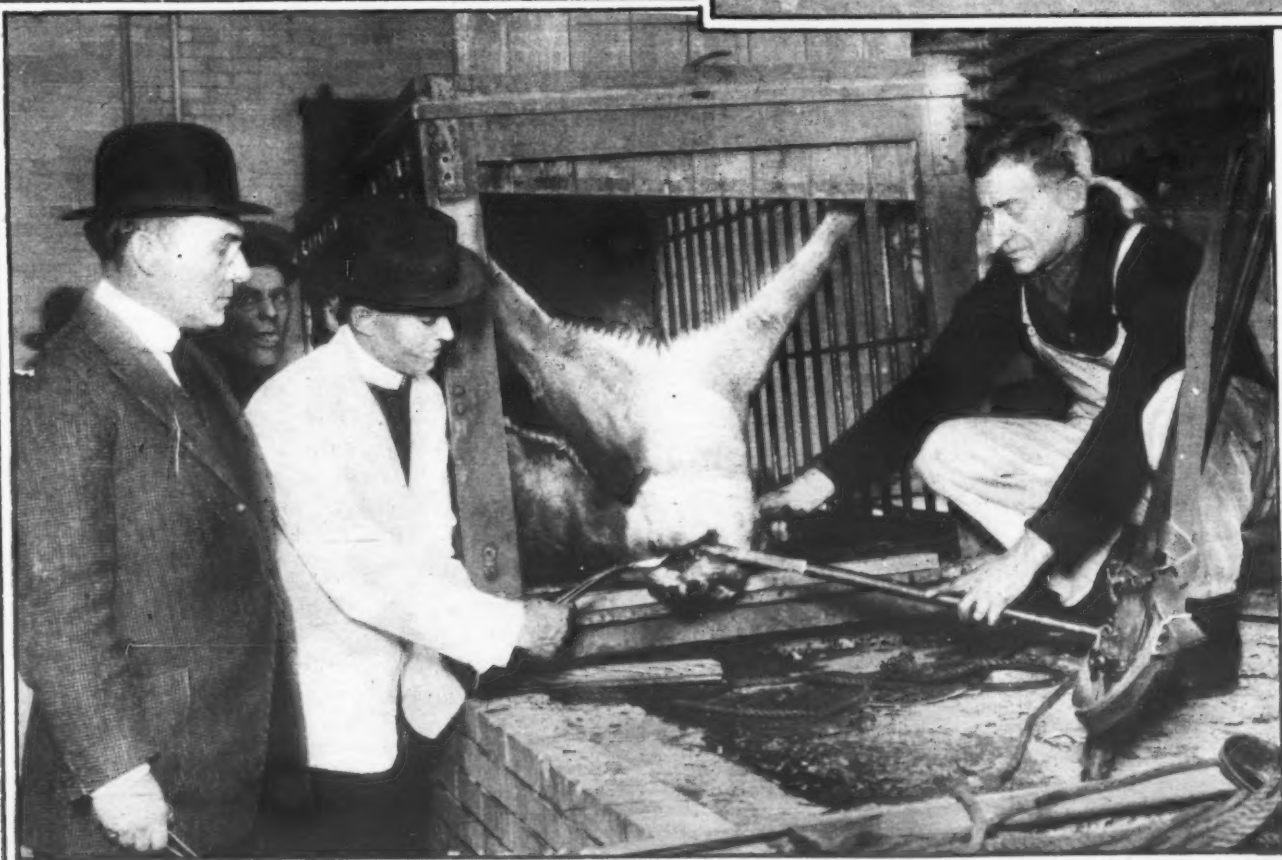
(N. Y. Historical Society.)



FOUR-HORNED RAM MUSTAPHA

Mascot of the U. S. S. West Saginaw. It is a long-haired, blue-blooded specimen of the sheep world. It was presented to the ship when it was in a harbor of Asiatic Turkey, where Persian sheep were being loaded. The four horns of the animal mark it as a curiosity, and the bluejackets of the Saginaw adopted it unanimously as a mascot.

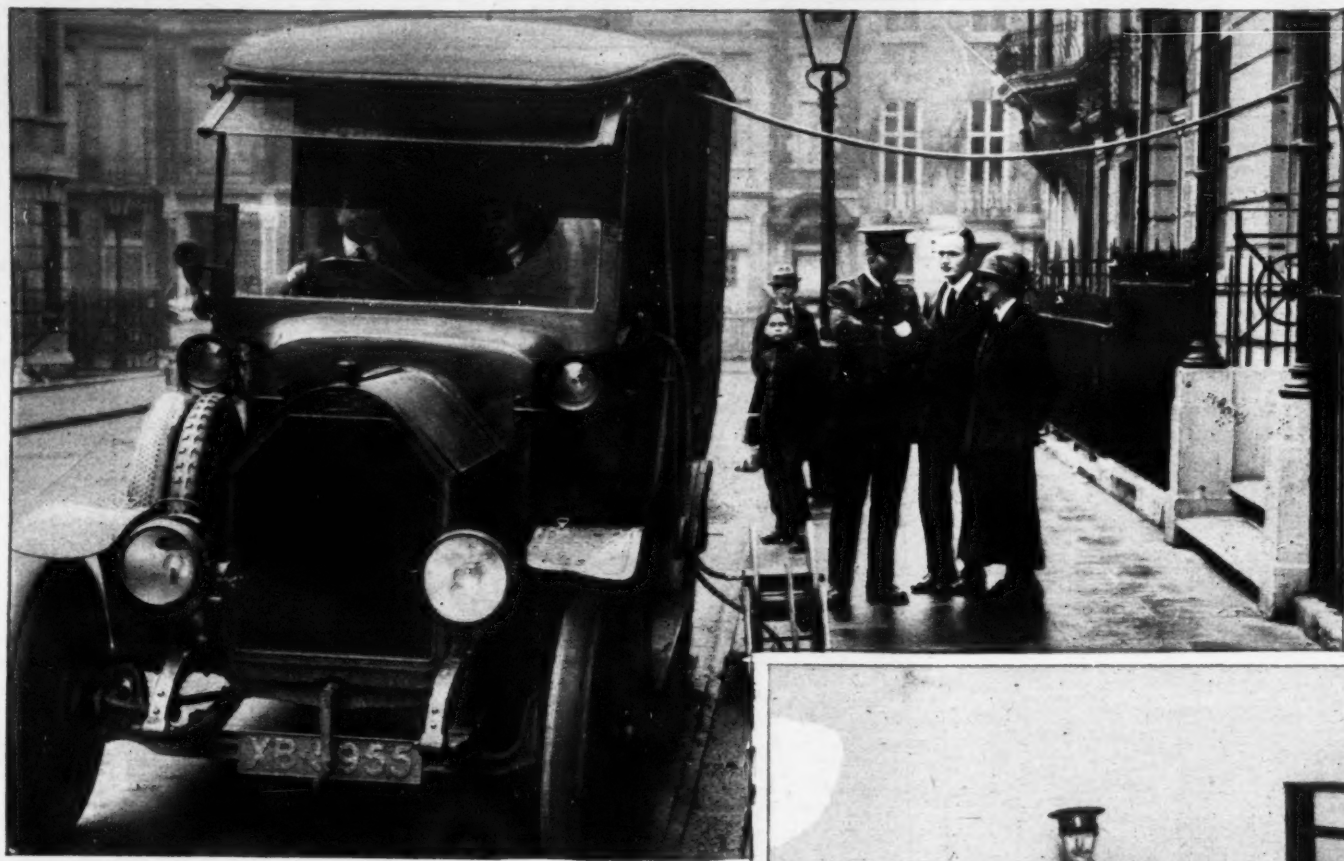
(© Keystone View Co.)



PULLING A LIONESS'S TOOTH

What seems at first sight to be fraught with danger is an illusion, for the lioness, Queenie of the Prospect Park Zoo, Brooklyn, N. Y., is so securely fastened that she can offer no resistance to the dentists who are pulling an aching tooth that had troubled her for months. Left to right are Park Commissioner Harman, Dr. Gillespie and Keeper O'Brien.

(© Underwood & Underwood.)

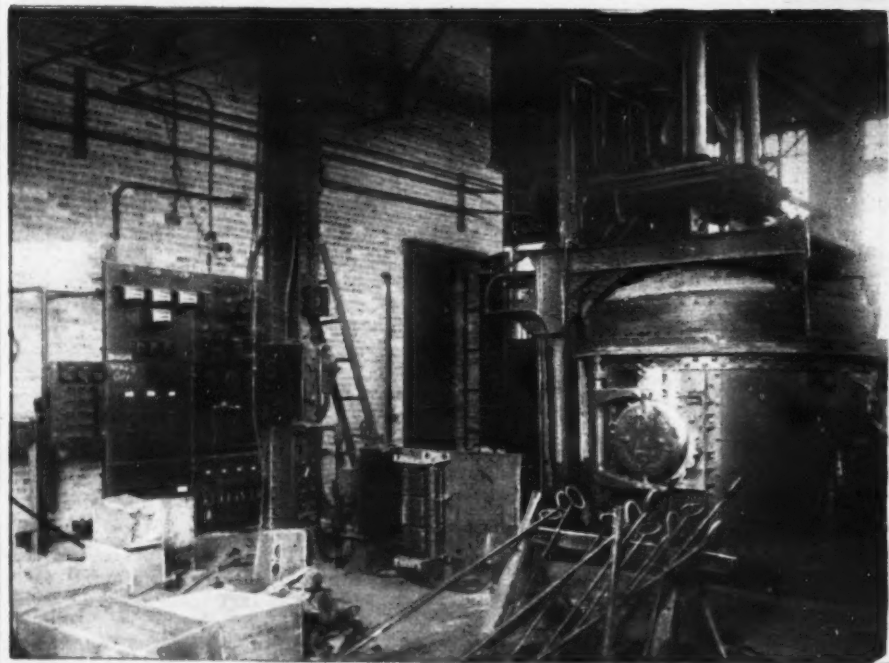
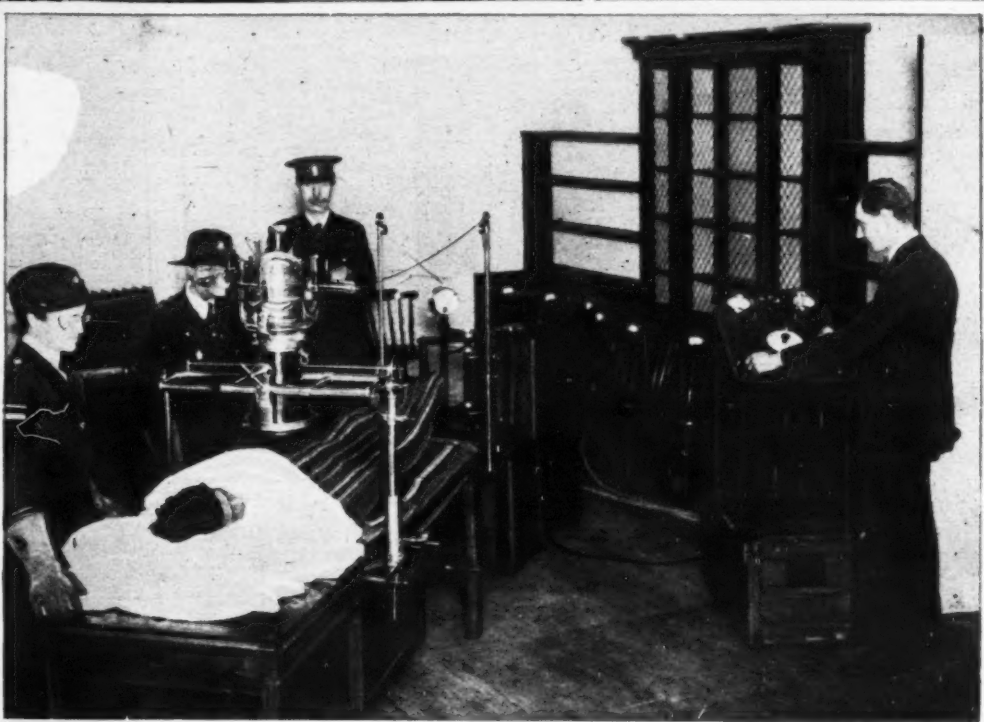


An X-ray ambulance outside the house of a patient in the West End of London. In the case of a patient being too ill to be removed to a hospital the X-ray ambulance calls at the house and the examination is taken. Power is furnished from a dynamo in the ambulance.

(© International.)

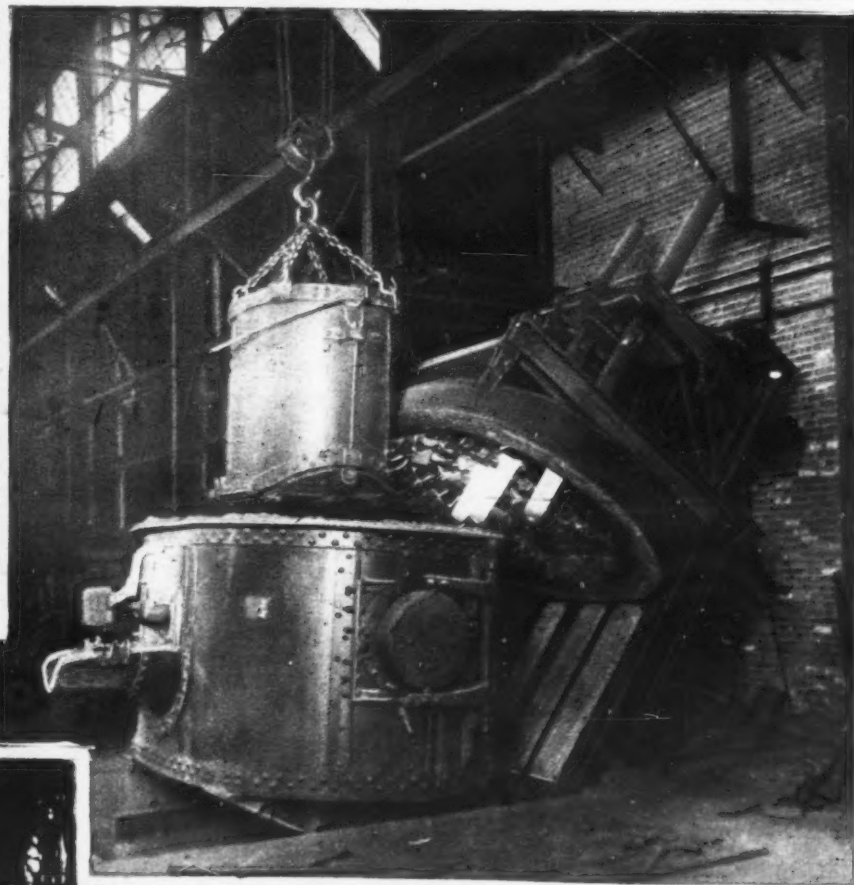
Patient on the X-ray table being examined. Electric power is furnished from the outside if there is no installation in the house itself and the photograph is taken and developed in a few minutes. The X-ray ambulance that holds the dynamo is run by the British Red Cross Society.

(© International.)



New three-phase, three-electrode furnace of 2,000 h. p. capacity installed in the Chicago Steel Foundry for use in the melting and refining of metals by electricity.

(© Underwood & Underwood.)



A "split" vehicle which the inventor, T. H. Brigg, believes will be the commercial truck of the future. The horse in the model shown is attached to the second wagon by traces operating mechanical levers. It pulls the second wagon, which in turn pushes the first. It is claimed that a double load can thus be drawn.

(© Underwood & Underwood.)

Another view of the Electric Arc Furnace, with the roof moved back and the bucket above the furnace ready to drop the charge into the furnace hearth. The furnace holds from three to four tons of metal a heat and turns out a heat in one hour and fifteen minutes. The electrical method is coming largely into use.

(© Underwood & Underwood.)



Champions and Leading Figures in the World of Sport

RECENT events in the sporting world have been replete with interest. Foremost among them has been the baseball deal that took "Rabbit" Maranville of the Boston Braves to the Pittsburgh team in ex-

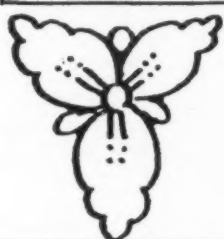
change for Barbare, Nicholson and Southworth. Maranville has been in great demand ever since it was known that he could be acquired from Boston, and rumor had it that a large amount in cash had been offered by the owners

of the New York Giants. Pittsburgh with Maranville in the infield may be looked upon as a serious contender for the 1921 pennant. The wrestling match between Lewis and Caddock ended as had been predicted in a victory for Lewis, due to his deadly headlock, after

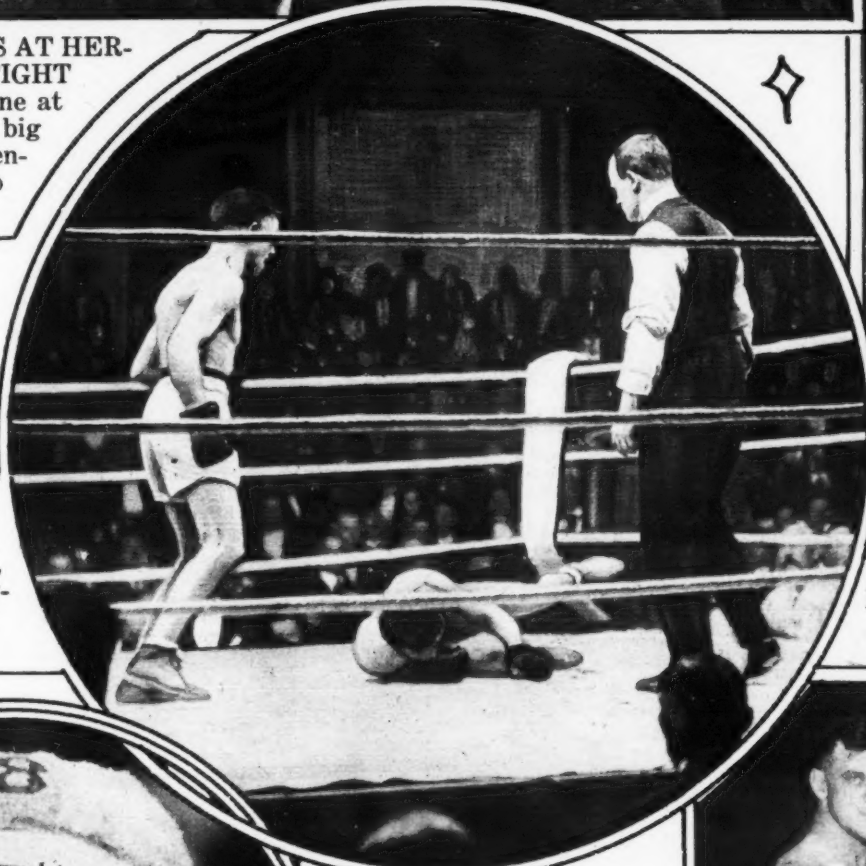
an hour and a half of a gruelling struggle. In sporting circles abroad the most interesting event was the defeat of Jimmy Wilde, the British flyweight champion, by Pete Herman of New Orleans, former American bantam-weight champion, in seventeen rounds.



PRINCE OF WALES AT HERMAN-WILDE FIGHT
Heir to British throne at ringside smoking big cigar that made a sensation. (© U. & U.)



PETE HERMAN
American boxer, knocking out Wilde, British champion fly-weight, at London. (© International.)



HANK GOWDY
Noted first baseman of Boston Braves now starring at basketball. (© Wide World Photos.)



WALTER "RABBIT" MARANVILLE
crack shortstop of Boston Braves recently traded to Pittsburgh for three players. (© International.)



JAY GOULD
court tennis champion, who recently defended his title successfully against Soutar.



ED "STRANGLER" LEWIS AND EARL CADDOCK
shaking hands before the wrestling match Jan. 24 at New York, won by Lewis. (© International.)

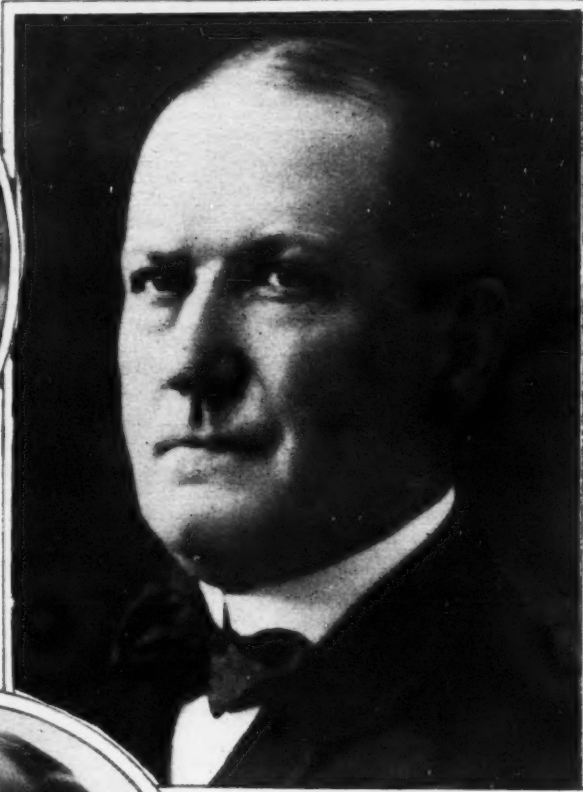
Who's Who in the Dramatic World. No. II.: Producers



L. A. WAGENHALS
(Photo by White.)



BROCK PEMBERTON
(Photo White Studio.)



WILLIAM A. BRADY
(Photo by Sarony.)



MARC KLAU



COLLIN KEMPER
(Photo by White.)



ALF HAYMAN
(Photo by Sarony.)



WINCHELL SMITH
(Photo White Studio.)



WILLIAM HARRIS, JR.
(Photo by Ira D. Schwarz.)



F. RAY COMSTOCK
(Photo White Studio.)



JOSEPH WEBER
(Photo by White.)



ADOLPH KLAUBER
(Photo Geisler and Andrews.)

Stage and Screen Players in Current Productions



**BIRD
MILLMAN**
Appearing in
tight-wire act at
"Ziegfeld's Midnight
Follies."
(Photo by Daguerre.)



**MABEL
BALLIN**
Playing the lead-
ing role in Hugo Ballin's
photoplay revival of "East
Lynne."



MARGUERITE CLARK
Leading figure in the film
version of "Scrambled Wives."
(Photo by Apeda.)



MARIE KANE
Now appearing in "The Passing
Show of 1921."
(Photo by Apeda.)



NORA BAYES
Playing the principal femi-
nine part in the musical play
"Her Family Tree."
(Photo Hizon-Connelly Studios.)

Interesting Happenings in Many Realms of Activity



SOLDIERING ON SNOWSHOES

Part of the garrison at Quebec turning out for drill on snowshoes and in moccasins. In that part of Canada, where snow is on the ground almost continuously from November to April, the work of the soldiers is no sinecure even in the "piping times of peace."

(© Colonial Press Service.)



COLOSSAL STONE FACE

A natural curiosity is the face formed by a boulder at Land's End, England. From its scholastic appearance it has been named "Old Dr. Syntax."

(© International.)



IMMENSE TREE STUMP

For sheer size the California trees have no equal on earth, and a forcible demonstration of this is found in this stump of a tree in Fresno County, Cal. It is a prancing platform for a horse. The tree of which this was the base yielded 130,000 feet of lumber, worth at prevailing prices about \$4,000.

(Photo from S. R. Winters.)

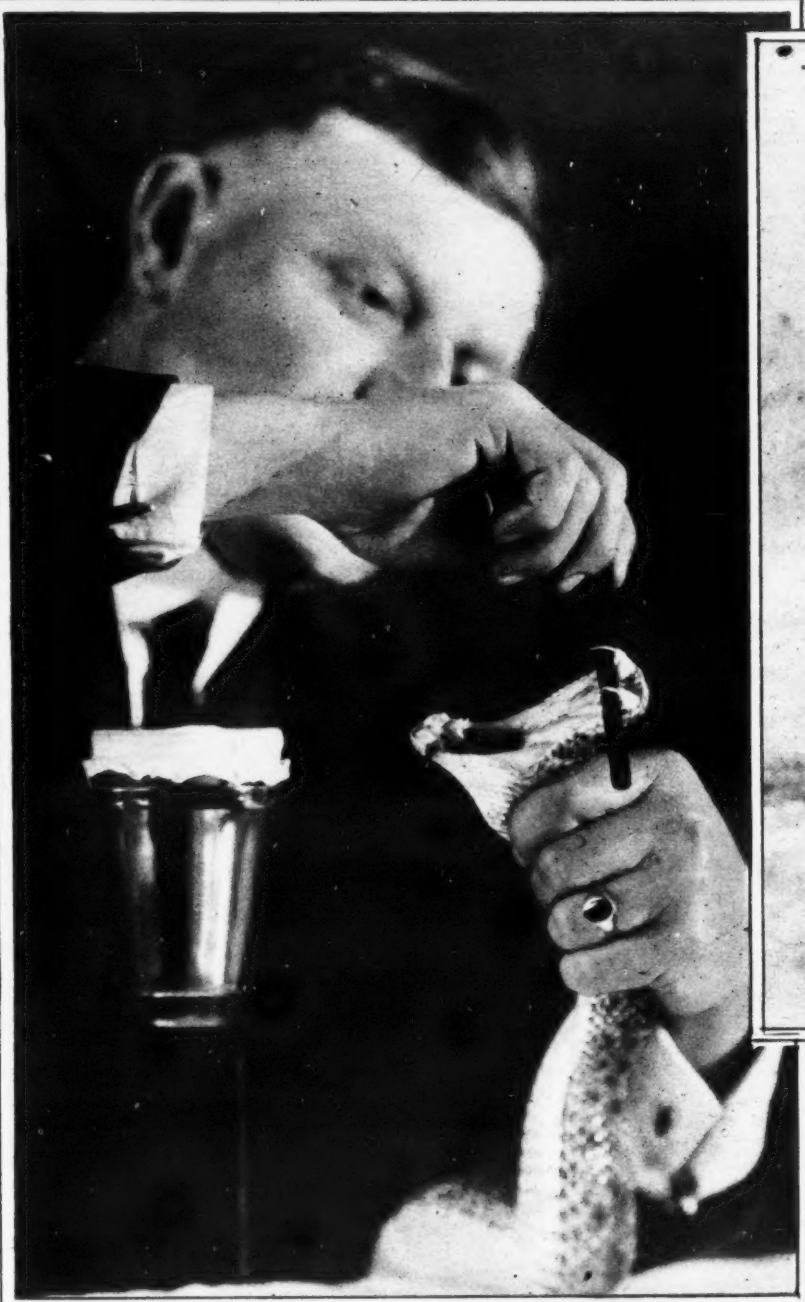


OPEN-AIR SCHOOL

In these warm garments special classes of children of West Newton, Mass., pursue their studies in rooms that are open to the air even in the most bitter days of Winter. The theory is that health will be preserved and improved by unlimited fresh air.

(© Underwood & Underwood.)

in the North American Continent and Abroad



GATHERING SNAKE POISON

A scientific experiment that is not devoid of danger is the collection of snake poison. The scientist grasps the rattlesnake by the back of the neck and forces the reptile to bite at the cheese-cloth stretched over the top of the tumbler. The poison is expelled and drips into the glass.

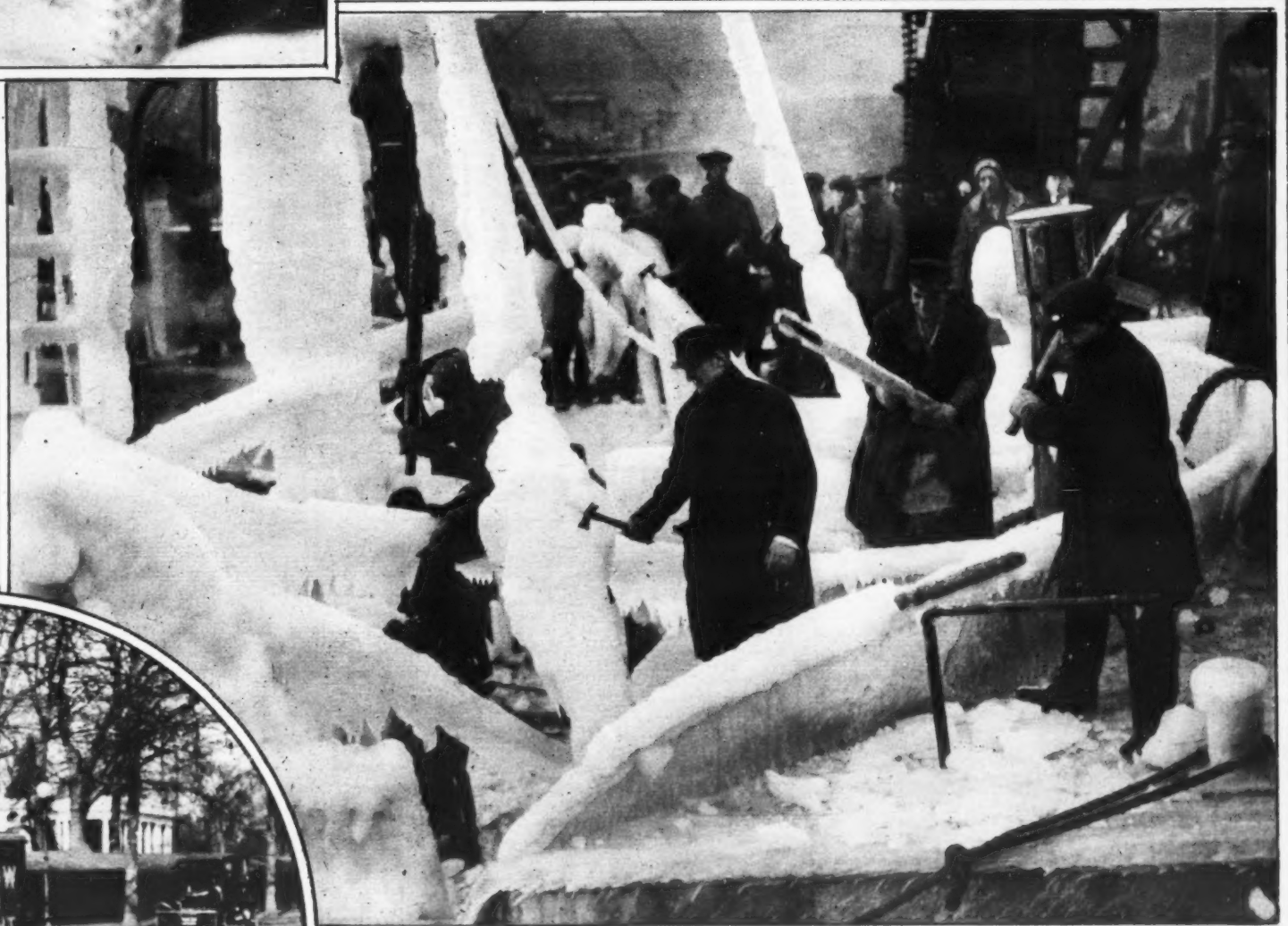
(© Kadel & Herbert.)



TROPHIES OF BUFFALO HUNT

Antelope Island, Great Salt Lake, Utah, has been one of the last retreats of the few surviving buffalo. Now the island is desired for cattle raising, and a hunt that has just ended has practically exterminated the last buffaloes.

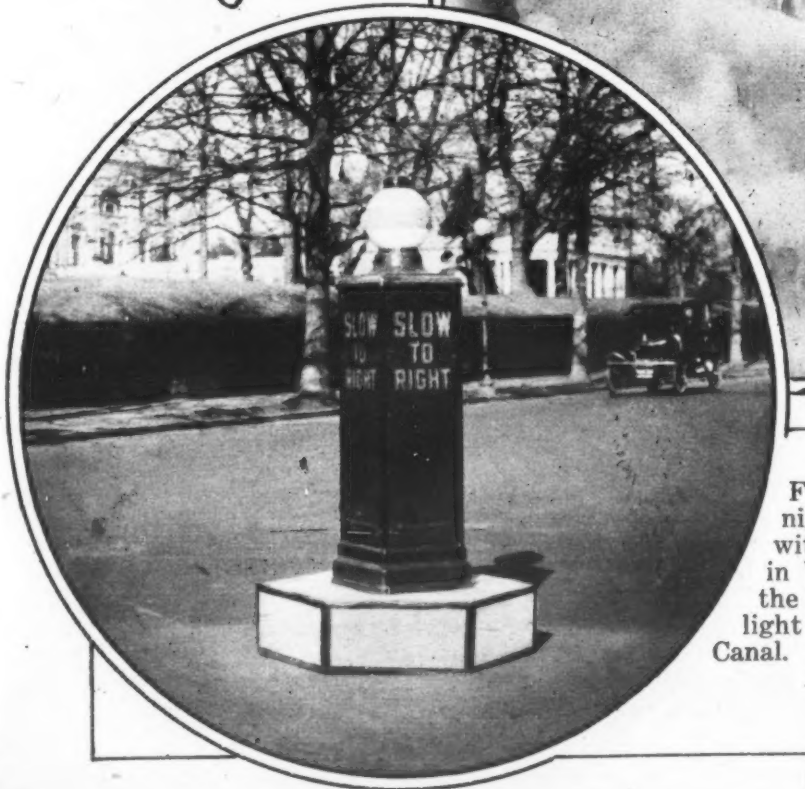
(© Wide World Photos.)



ICE-COATED TRAWLER

The steam trawler Seagull as it appeared on arriving at the foot of Beekman Street, East River, New York, from the fishing banks. The crew had to work for hours with hatchets clearing away the ice which had accumulated during several days of fighting against a howling gale in zero temperature.

(© Underwood & Underwood.)



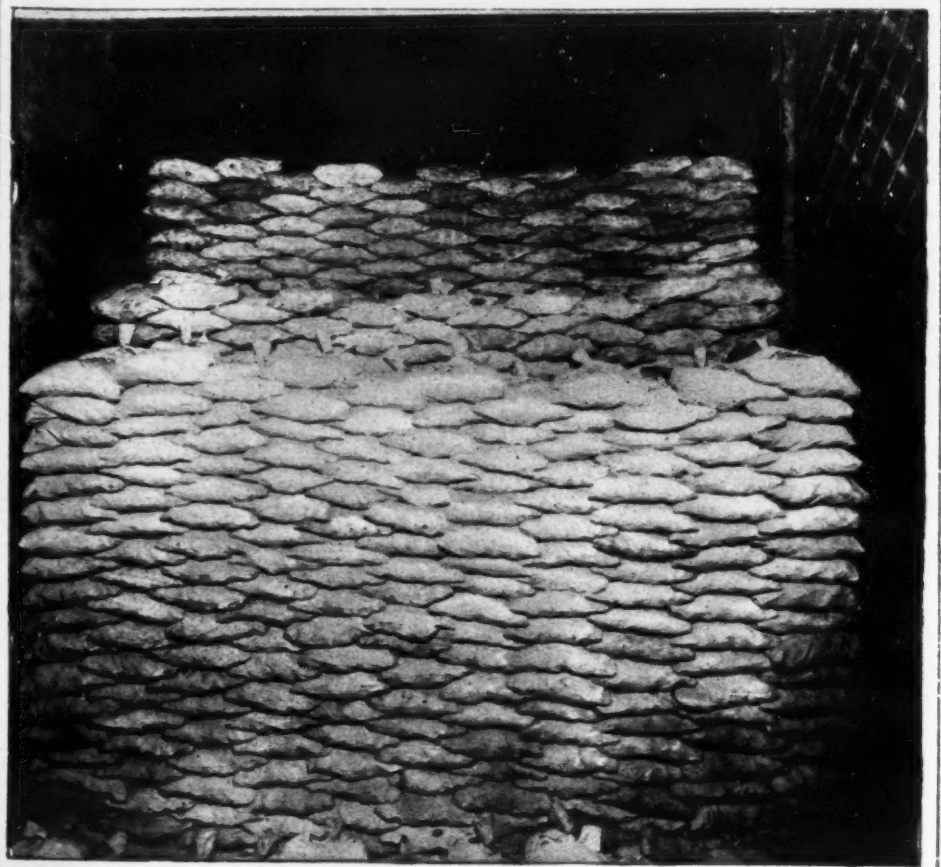
THE "SILENT POLICEMAN"

Flashing eighty times a minute day and night, this "silent policeman," equipped with an acetylene lamp, directs the traffic in Washington near the southeast gate of the White House. The lamp throws a green light similar to those used along the Panama Canal. The White House can be seen in the background.

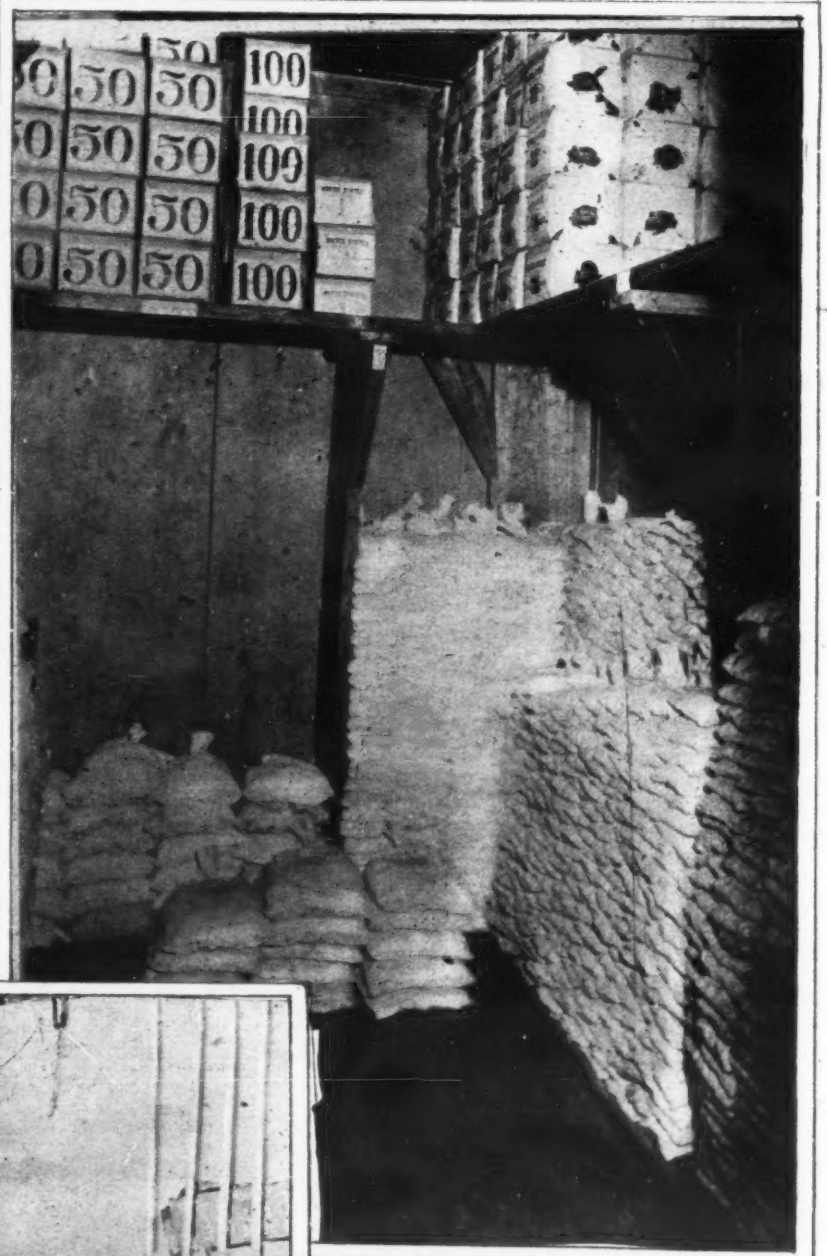
(© Harris & Ewing.)

Hundreds of Millions in United States Treasury

THERE is always a fascination about vast aggregations of coin and bank notes because of their potentialities. For that reason the accompanying pictures of the "strong boxes" of the richest nation of the world have a strong appeal to the imagination. It is true that the greater part of the business of the nation is carried on by checks, but the actual money, after all, is the thing that stands behind the paper circulation as a guarantee of real values. In the Treasury at Washington are vast amounts of gold and silver coin as well as notes, running up into the hundreds of millions. When a Treasurer of the United States resigns his office, this money is counted in order that it may be known what is the exact amount turned over to his successor in office. It would be impracticable, of course, to count every coin and note separately, but the coins are in bags and the notes in packages containing many thousands of dollars each, so that the money can be counted with comparative ease and dispatch.

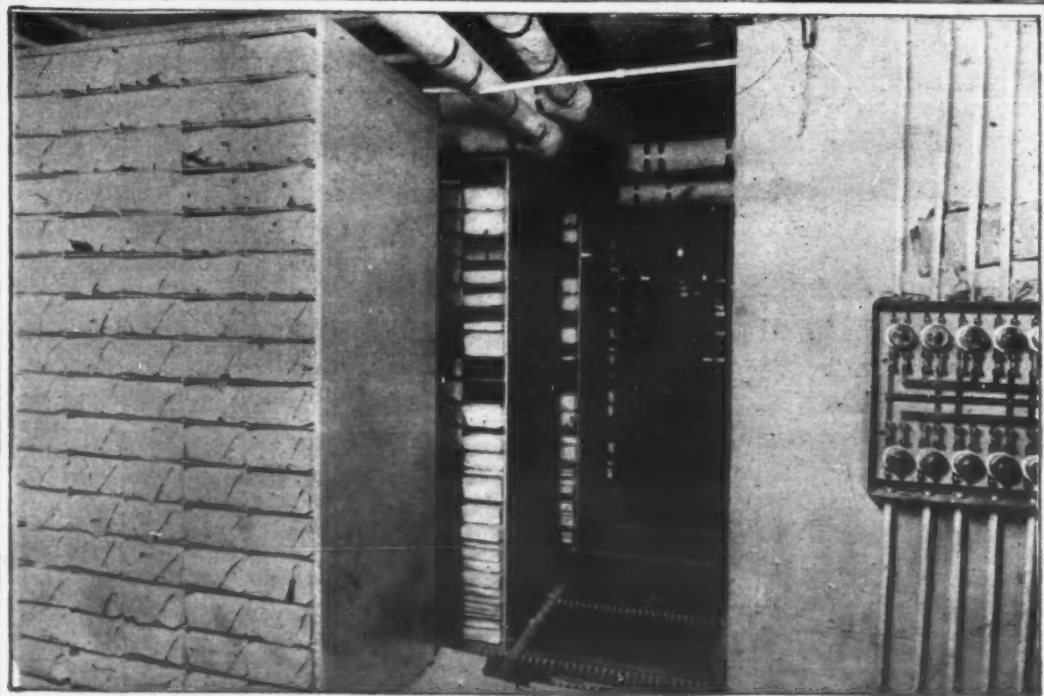


Gold and silver vault in the Treasury at Washington containing \$47,000,000 in coin.



View showing arrangement of coin and currency in vault of the Treasury Department. Here is wealth beyond the dreams of avarice.

Reserve vault in the Treasury containing Reserve Bank notes. One of the packages alone held \$40,000,000.

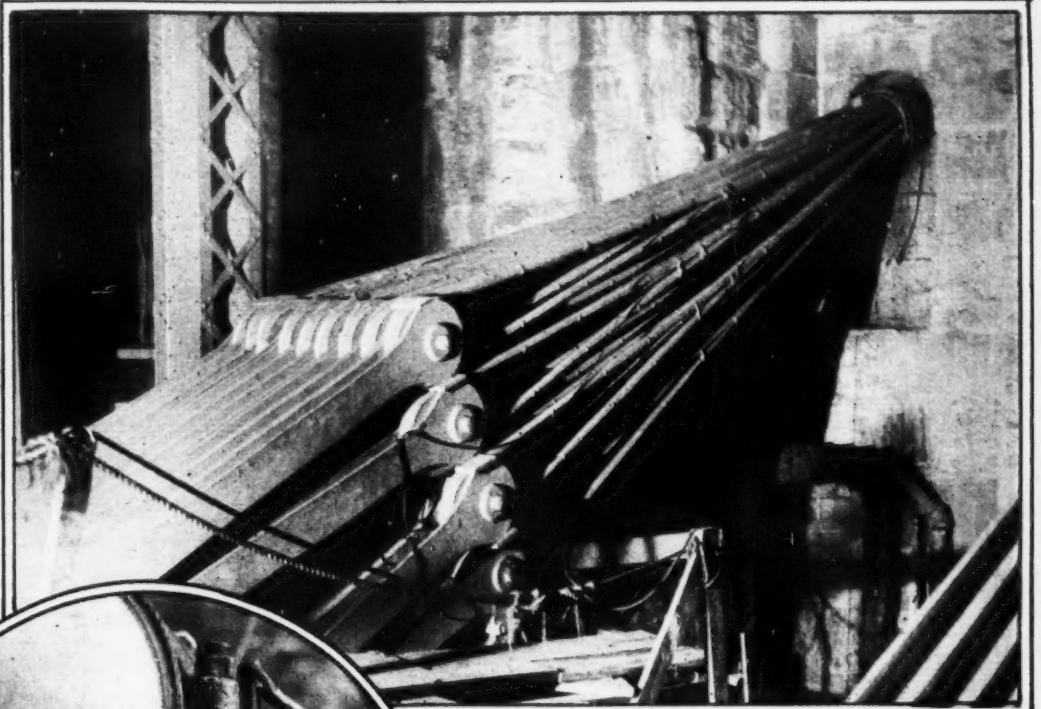


Treasury vault containing \$80,000,000 in money at the time this photograph was made.

Wrapping the Cables of the Williamsburg Bridge

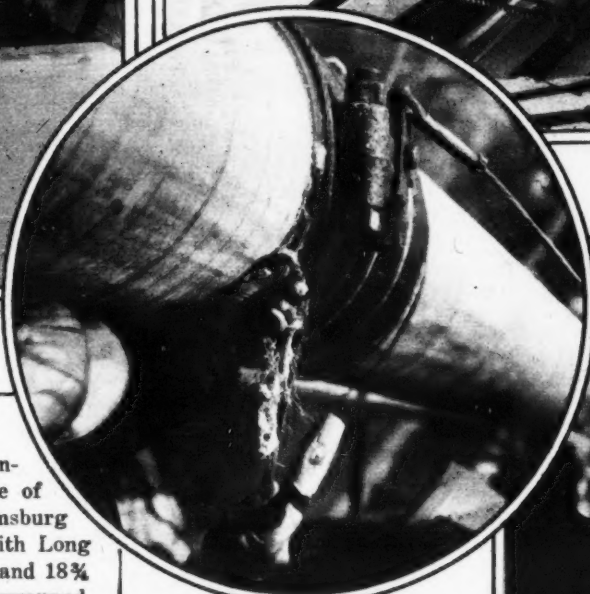


"Squeezing up" the cable preparatory to wrapping it in a covering of outer wire.



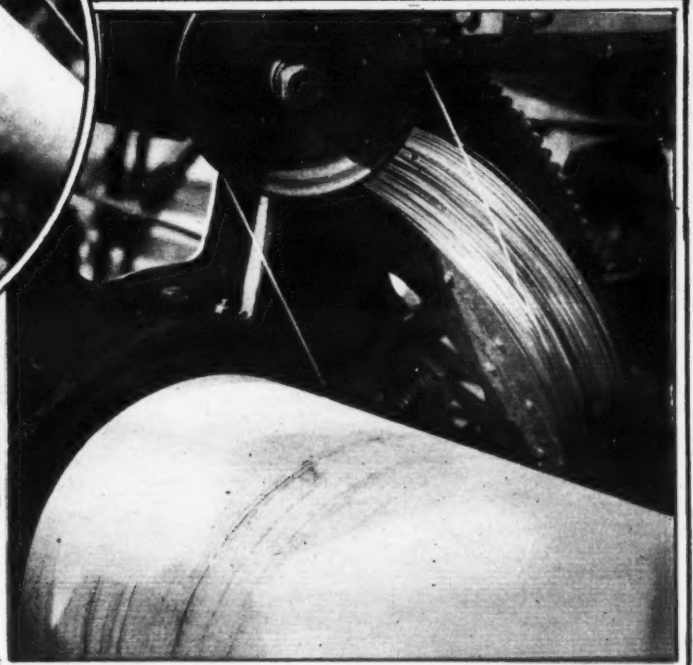
One of the eight anchors of the cables that hold up the Williamsburg Bridge.

ONLY second to the work of constructing a bridge is that of maintaining it in proper condition. The accompanying pictures show some of the work involved in the maintenance of the Williamsburg Bridge, one of the several that unite Manhattan with Long Island. There are four cables, each 2,800 feet long and 18 1/2 inches in diameter. At intervals these have to be rewrapped. Before this can be done, the 9,000 wires in each cable are subjected to a squeezing process under a pressure of 15 tons. Coatings of red and white lead help to protect the cables from the weather. The wire wrapping is run electrically and is made of a soft steel wire one eighth of an inch in diameter and with a total length of 970 miles. The photograph of the monster anchors to which the cables are attached is the first to be taken. During the war the anchors were guarded zealously, because if a man could get near them with a torch he could cause the collapse of the bridge.

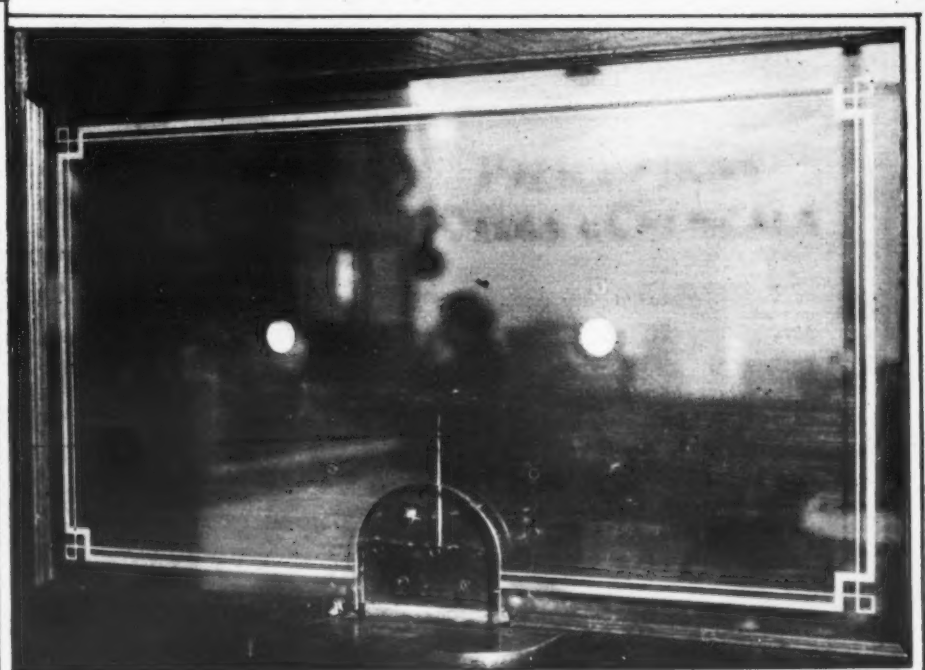


Preventing rust by corking a fluffy lead into the counter-bore so that the rain cannot get under cable band.

Covering being wrapped on the cable. This covering is made of a soft steel wire 970 miles long.
(Photos © American Photo Service.)



Ingenious Protection of Cashier's Booth Against Attack by Store Bandits



New device used in a Chicago drug store to baffle bandits. Above the window of the cashier is a steel shield. By pressing a button the shield is released, drops down and completely encloses the booth with a bullet-proof protection.

View of the shield after it has dropped. Through the holes in the shield the cashier may shoot at the bandit. At the moment the shield drops an alarm bell begins to ring. From a telephone in the booth the police can be summoned.
(Photos © Underwood & Underwood.)

Curious Physical Phenomena and Puzzling Psychic Mystery



What seems to be sea is merely a cloud stratum, above which are appearing the peaks of the Swiss Alps, as viewed from Mount Pilatus.

(© Underwood & Underwood.)



Unusual monument consisting of a marble grand piano erected over the grave of Mr. Henry Thornton in the cemetery at Highgate, England. He was an eminent pianist. The tomb was the conception of his widow.

(© International.)

MISS ANNIE ABBOTT
Better known as the "Georgia Magnet," successfully resisting the combined efforts of five men to lift her body from the floor. Her apparent ability to diminish or increase the force of gravitation is as yet unexplained.

(© International.)



JOHN AASON

Norwegian giant, only 18 years old, who is 8 feet 9 inches high and weighs 503 pounds. He is now visiting Los Angeles, Cal. The man beside him is 5 feet 8 inches tall.

(© International.)